

NORDMENDE
THOMSON TECHNOLOGY

SABA

TELEFUNKEN

THOMSON

FERNSEHEN
TELEVISION
TÉLÉVISION

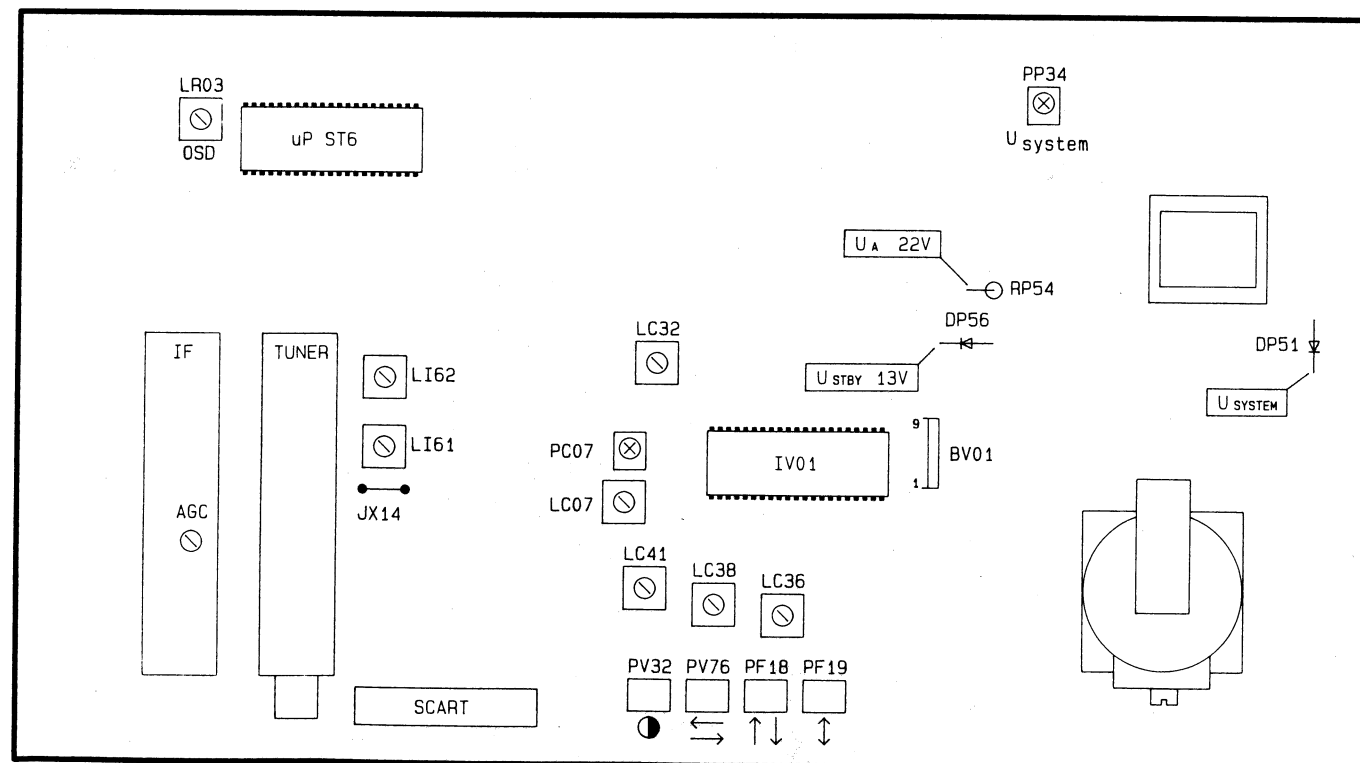
Bestell-Nr. 102.265.90

Chassis ICC 6

ACHTUNG! Ersatzteilbestellungen
sind schneller und kostengünstiger über
Fax 0511/418-1260

ICC 6084 / ICC 6643 / ICC 6683
ICC 6944 / ICC 6964 / ICC 6984

Service-Lageplan · Layout diagram · Disposition des réglers
Posizione regolatori di servizio · Situation de los ajustes

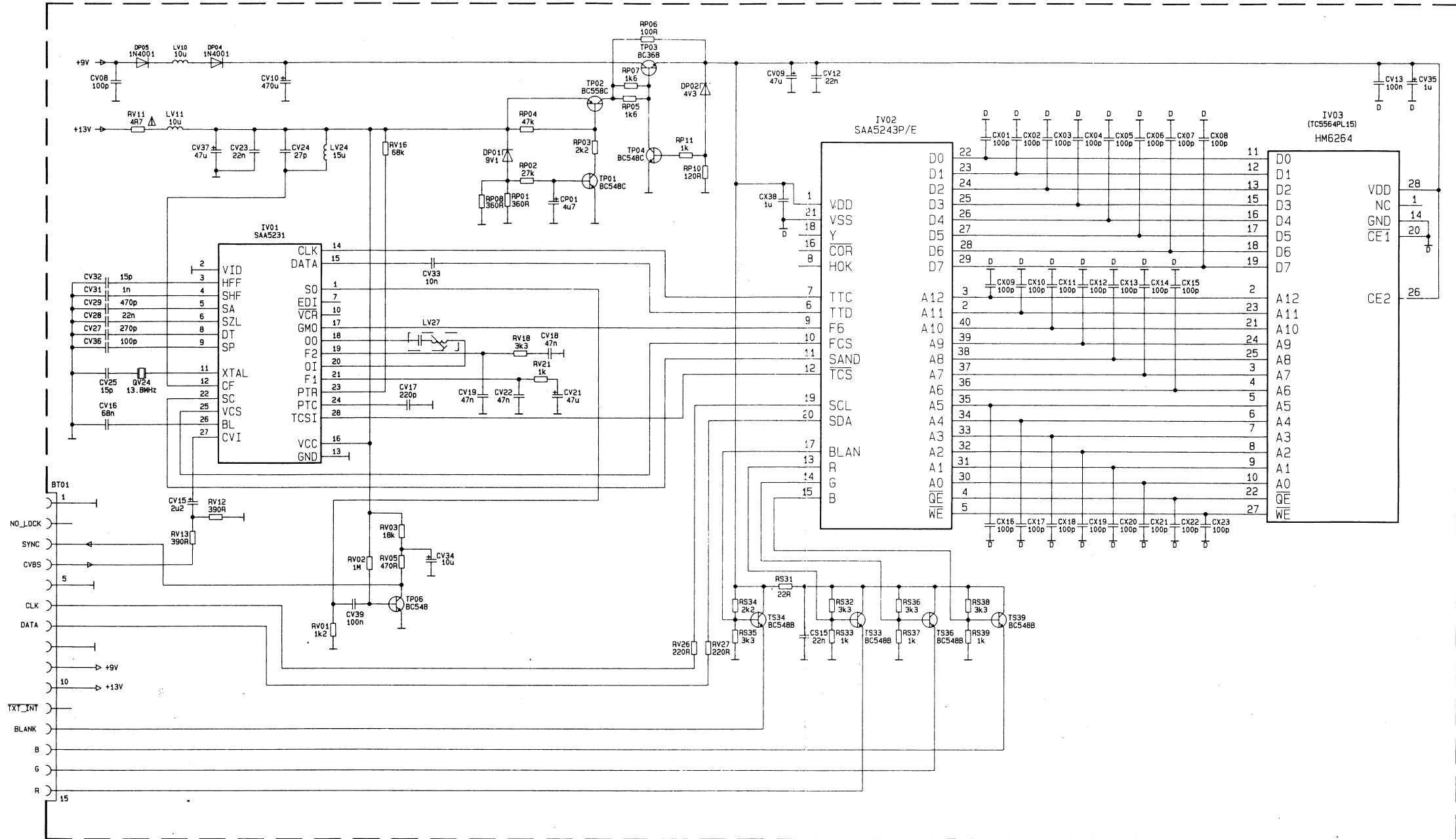


Änderungen vorbehalten · Subject to change · Modifications réservées · Con riserva di modifiche · Reservado derecho de modificacion

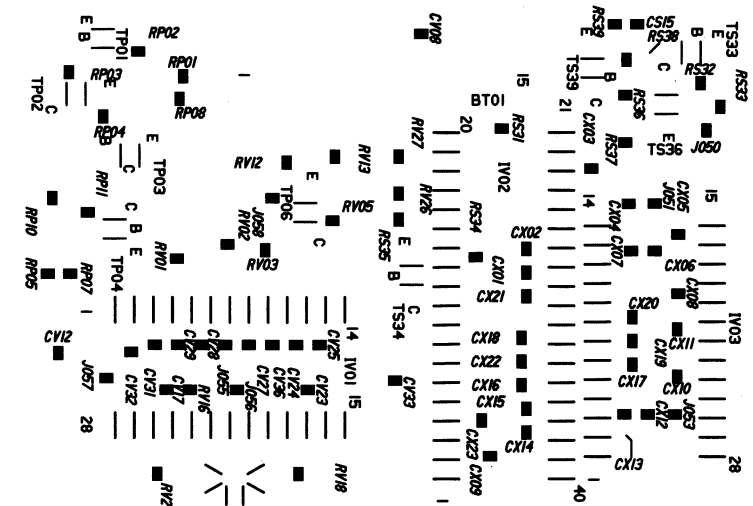
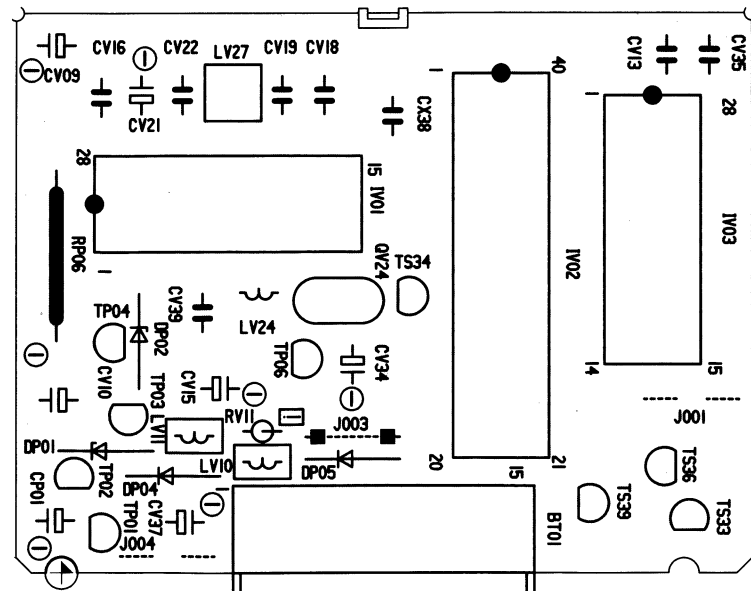
Service-Einstellungen · Service adjustments · Réglages de service · Regolazioni di servizio · Ajustes de servicio

U system	PP34	---		17" : 108V 20" : 117V 21" : 117V
H.-Pos.	PV76	---		
V.-Pos.	PF18	---		
V.-Ampl.	PF19	---		
U G2	G2	● = min.		17" : 140V 20" : 160V 21" : 160V
Spitzenweiß Peak-white	PV32			17" : 80V 20" : 90V 21" : 95 V
Sound-Trap 5,5 MHz (6,5 MHz)	LI61 (LI62)			U min, < 35dB
AGC	AGC	3mV Ch 9 BG		1. max. 2. max. - 8dB
PAL Chroma Delay	LC07 PC07			
Secam Ident	LC41			U max.
Secam B-Y, R-Y	LC36 LC38			
Secam Cloche-Filter	LC32			B-out-Signal without distortion
Graubgleich grey alignment (Bildrohrplatte) (CRT-Board)	PB47 PB37			Grau, grey
Weißabgleich white alignment (Bildrohrplatte) (CRT-Board)	PB31 PB41			Weiß, white

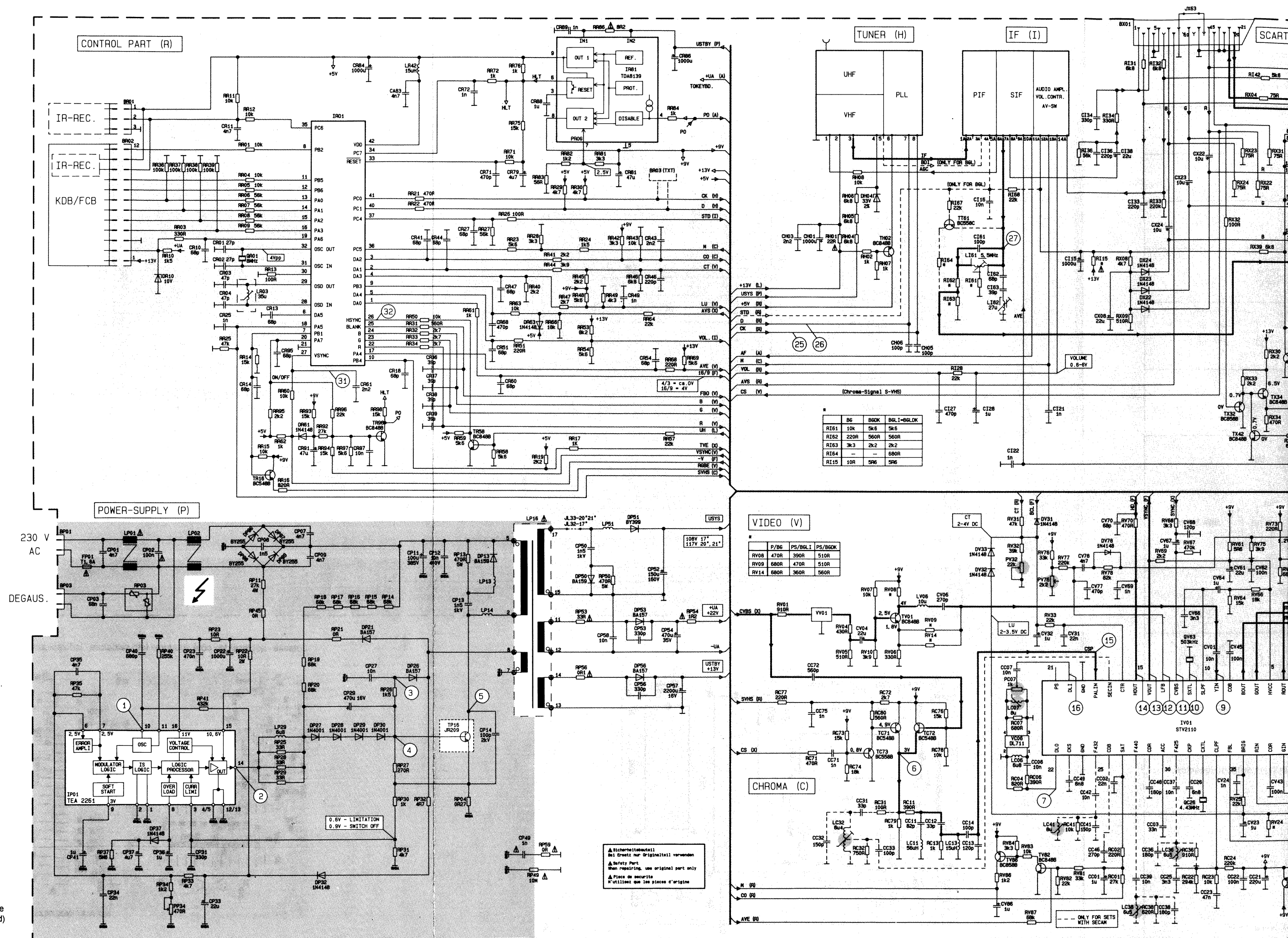
Videotext-Decoder DVT 6601 · Teletext Decoder · Décodeur Vidéotexte · Decoder Televideo · Descodificador Teletexto



Lötseite · solder side · côté soudure · lato saldature · lado soldaduras

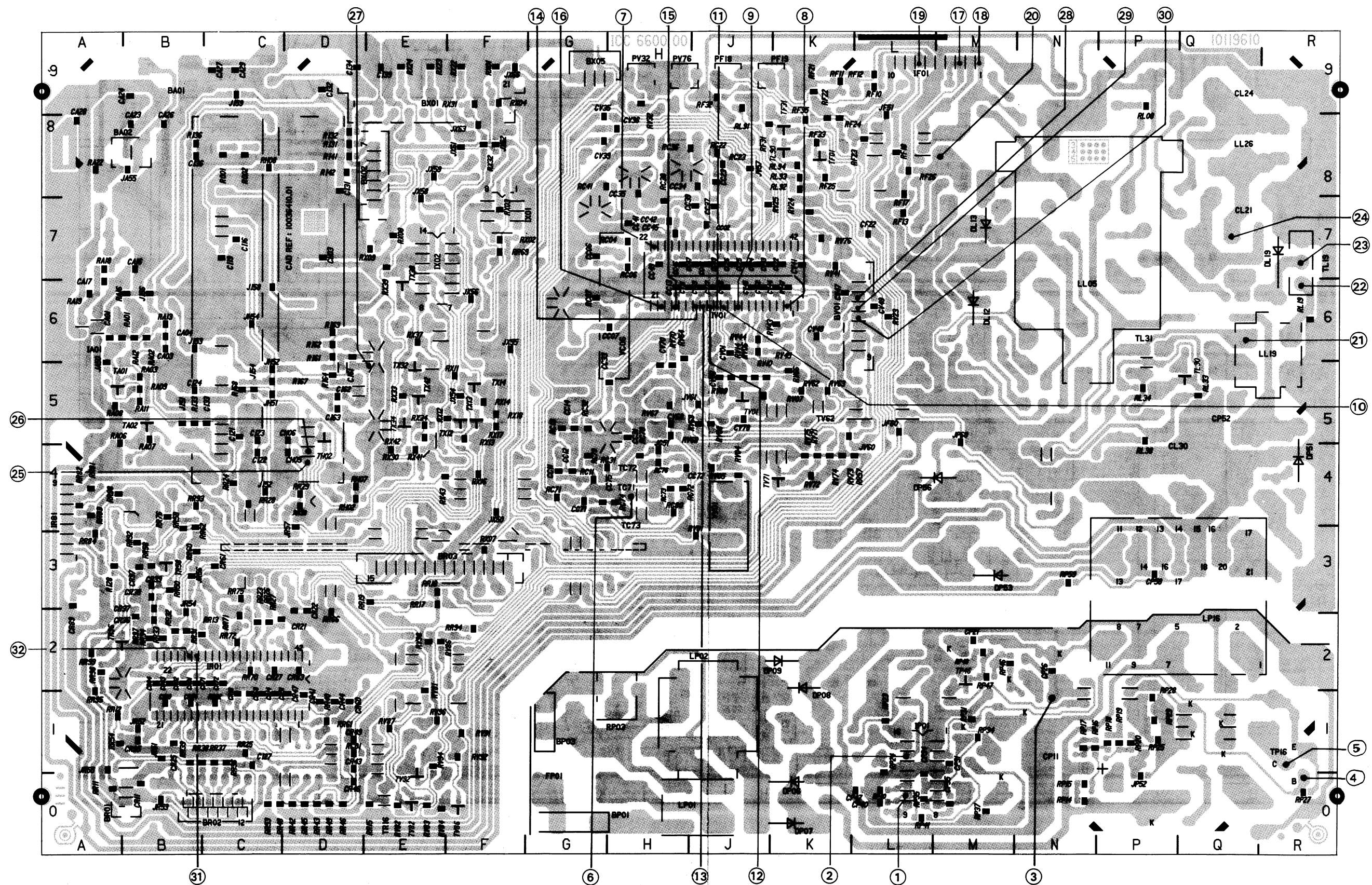


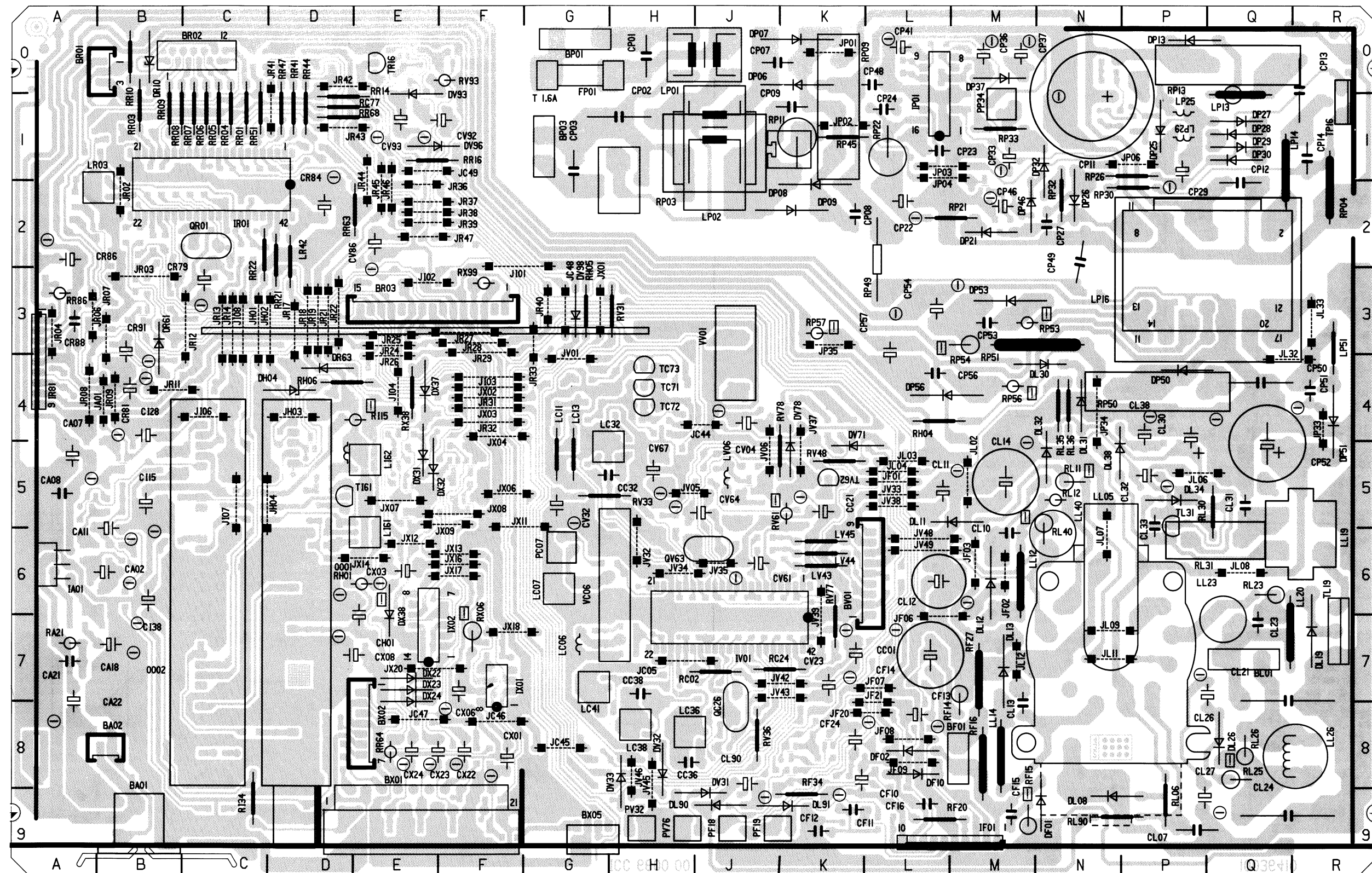
CAD-REF : I0036470.00



Chassis-Grundplatte · Chassis base board · Plaque de base du chassis · Piastra base telaio · Chasis placa base

Lötseite · solder side · côté soudure · lato saldature · lado soldaduras





Das Chassis ist netzgetrennt. Die Trennstelle liegt im Netzteil. Um die VDE-Sicherheit zu gewährleisten, ist nach einer Reparatur sicherzustellen:

1. Auf Luft- und Kriechstrecken achten!
Z. B. durchstehende Drähte ausgewechselter Bauelemente kurz abschneiden.
2. Sicherheitsbauteile Δ nur gegen Original-Ersatzteile auswechseln (siehe Stromlaufplan).

The chassis is isolated from line voltage. The isolation point is in the line section. In order to insure safety as per VDE requirements, the following must be checked after any repairs:

1. Check for air gap and leakage paths! For example, protruding ends of wires passing through the board must be cut off short.
2. Components with an essential safety function Δ are to be replaced only with original-equipment parts (see circuit diagram).

Le chassis est séparé du réseau. La séparation est située dans la partie alimentation. Pour assurer la sécurité au regard des normes VDE, après une réparation, il convient de veiller à

1. Prévenir des formations de circuits aériens ou rampants. Par ex. couper court les fils qui dépassent ou les éléments de construction échangés.
2. N'échanger les éléments de sécurité Δ que contre des pièces de rechange d'origine (cf. plan de passage du courant).

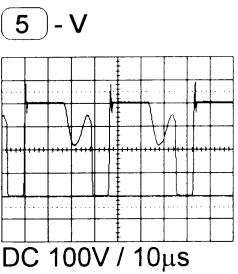
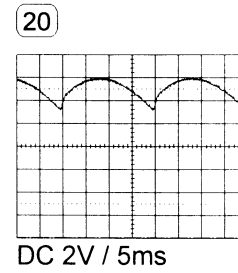
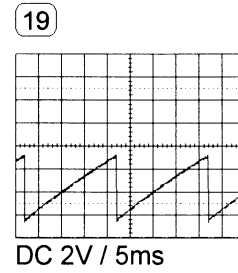
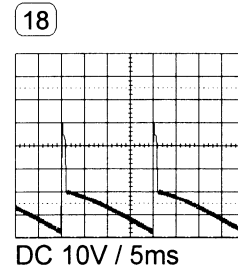
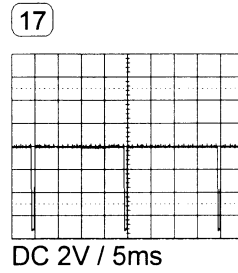
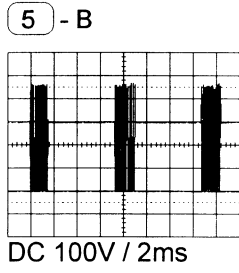
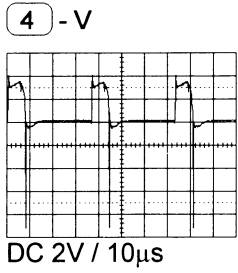
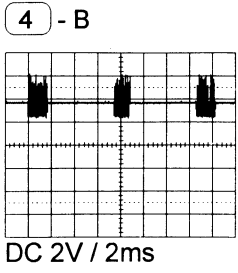
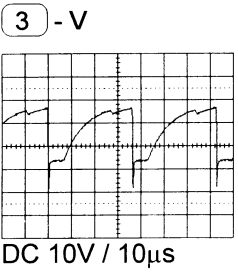
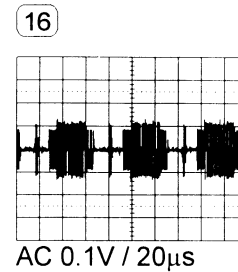
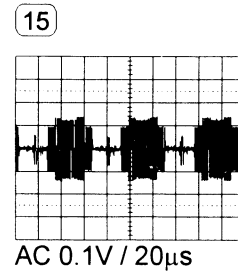
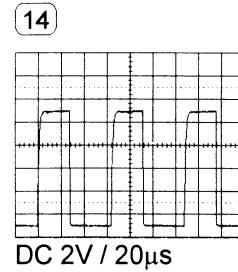
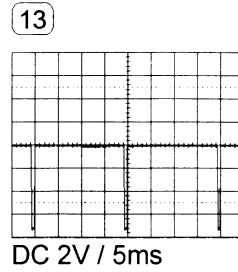
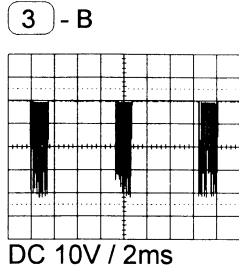
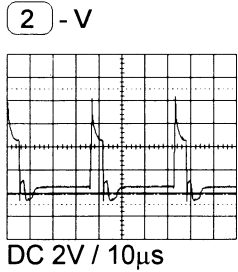
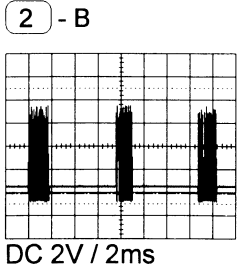
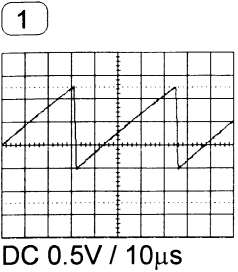
Il telaio è separato rete. Il punto di separazione risiede tra sezione rete. Per garantire la sicurezza VDE a riparazione effettuata deve essere assicurato che:

1. Tenere conto delle distanze dei componenti e dei percorsi! p.e. i terminali in passaggio dei componenti sostituiti devono essere tagliati corti.
2. Componenti di sicurezza Δ devono essere sostituiti solamente con ricambi originali (vedere schema).

El chasis está aislado de la red. La separación se produce en la fuente de alimentación. Para garantizar la seguridad en cumplimiento de las normas VDE, después de una reparación, asegurarse de lo siguiente.

1. Mantener la distancia entre componentes. Por ejemplo, cortando todo lo posible los hilos y terminales que sobresalgan de las pistas del circuito impreso.
2. Los componentes marcados en el esquema con el símbolo Δ deben ser substituidos por repuestos originales (ver esquema).

B = Burstbetrieb, Stand by mode,
V = Vollbetrieb, On mode



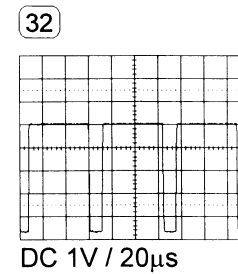
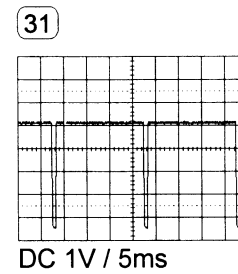
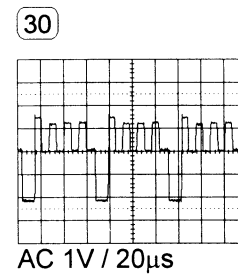
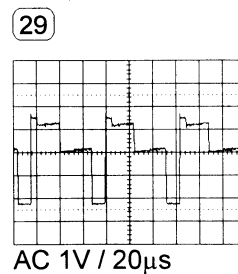
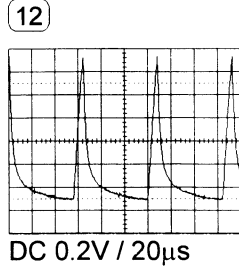
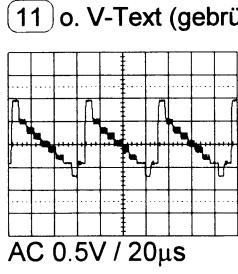
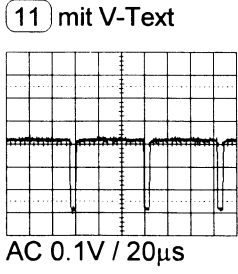
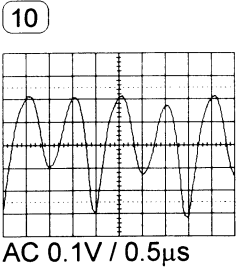
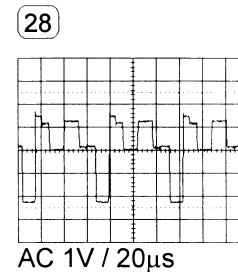
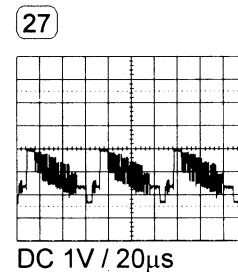
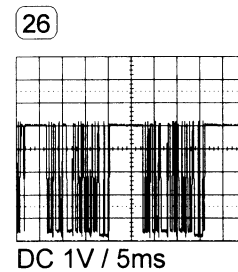
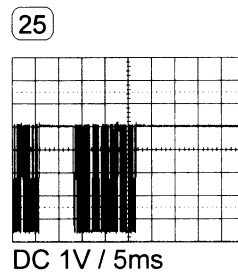
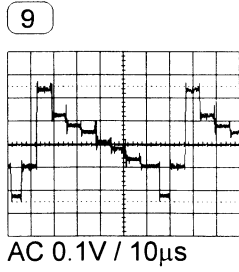
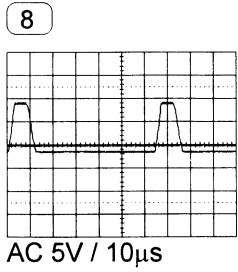
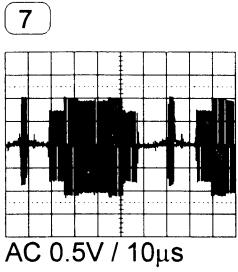
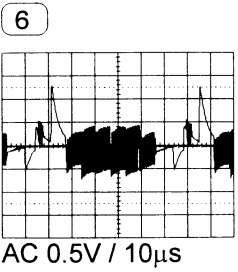
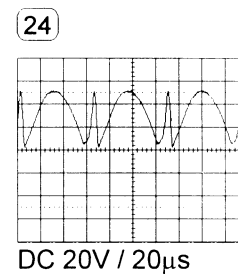
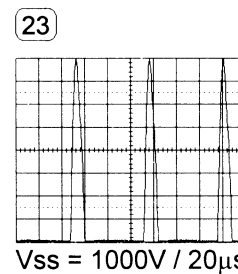
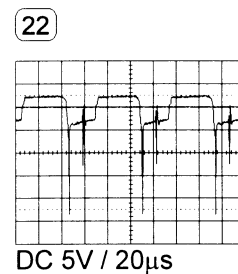
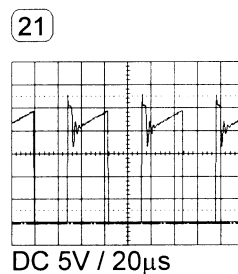
Achtung!
Auf der Primärseite des Netzteils alle Spannungen und Oszillogramme gegen Primär-Netzteilmasse messen.

Important!
On the primary side of the line section, measure all voltages and oscillogrammes against primary line section ground

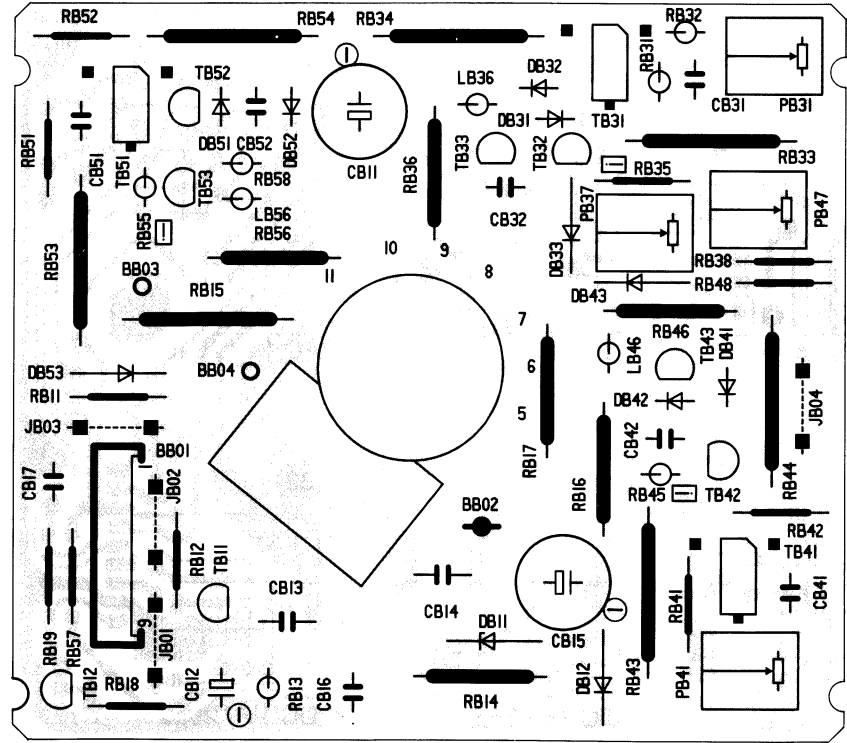
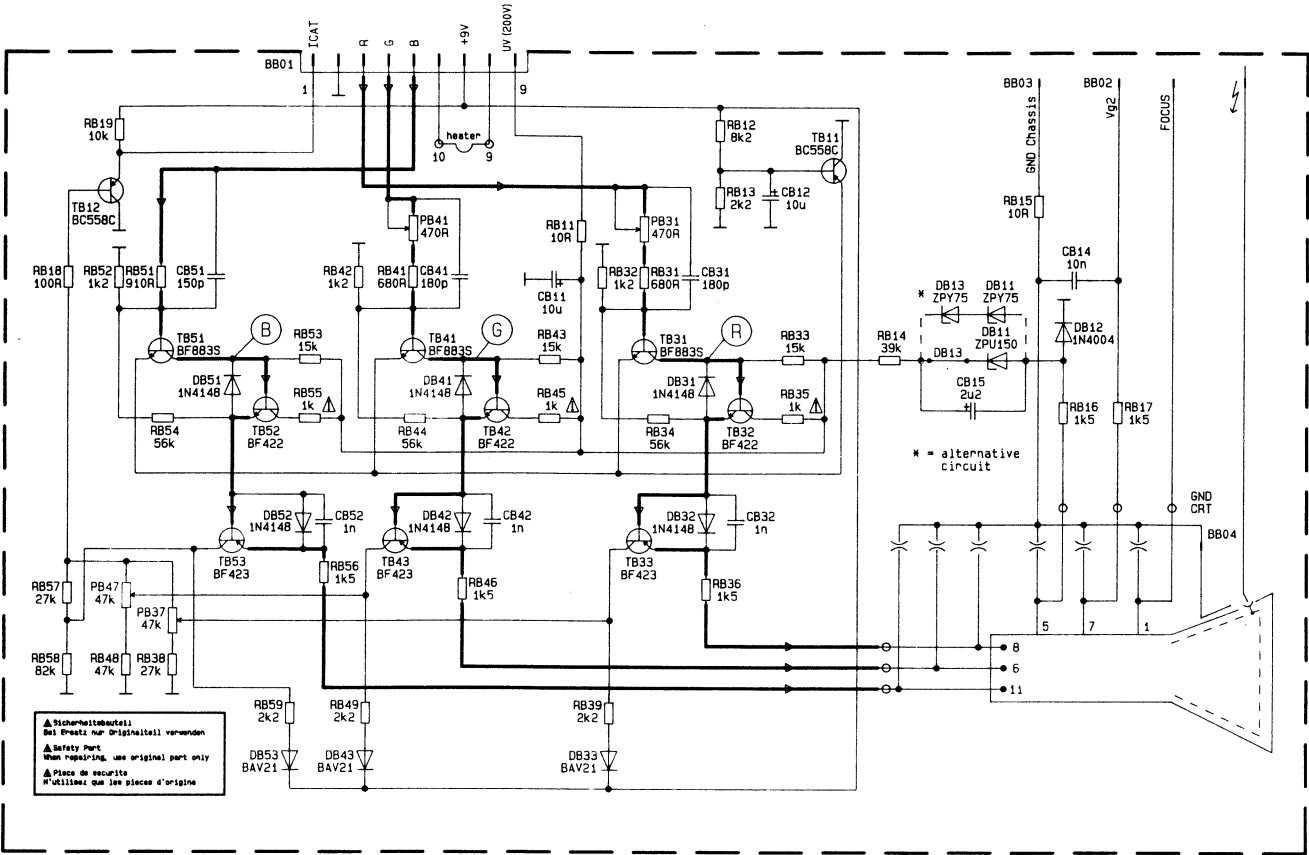
Attention!
Sur le côté primaire du block Secteur, mesurer toutes les tensions et Oszillogrammes contre la masse primaire du block secteur

Attenzione!
Nella zone primmaria tutte le tensioni e gli oscillogrammi sono misurati verso massa alimentatore primario

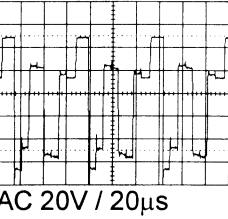
Atención!
En el lado primario de la fuente de alimentación (lado de la red) todas las tensiones y oscillogramas son medidos contra la masa de este mismo lado



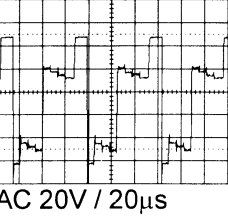
Bildröhrenplatte 6625 · Picture tube board · Platine tube image · Basetta Ciescopio ·
Placa de tubo de imagen



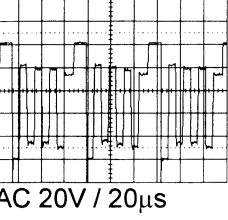
R (TB31)



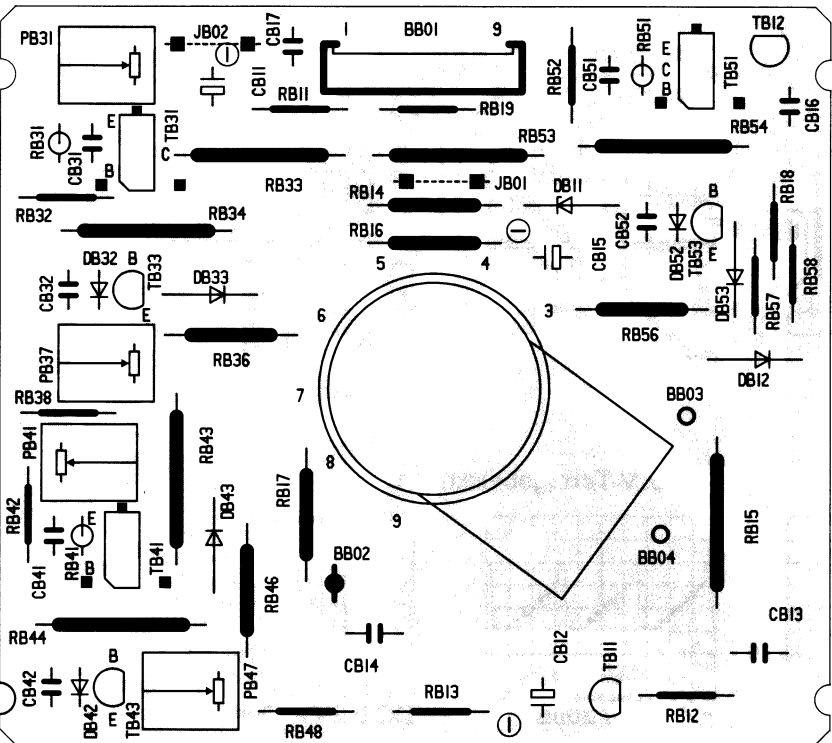
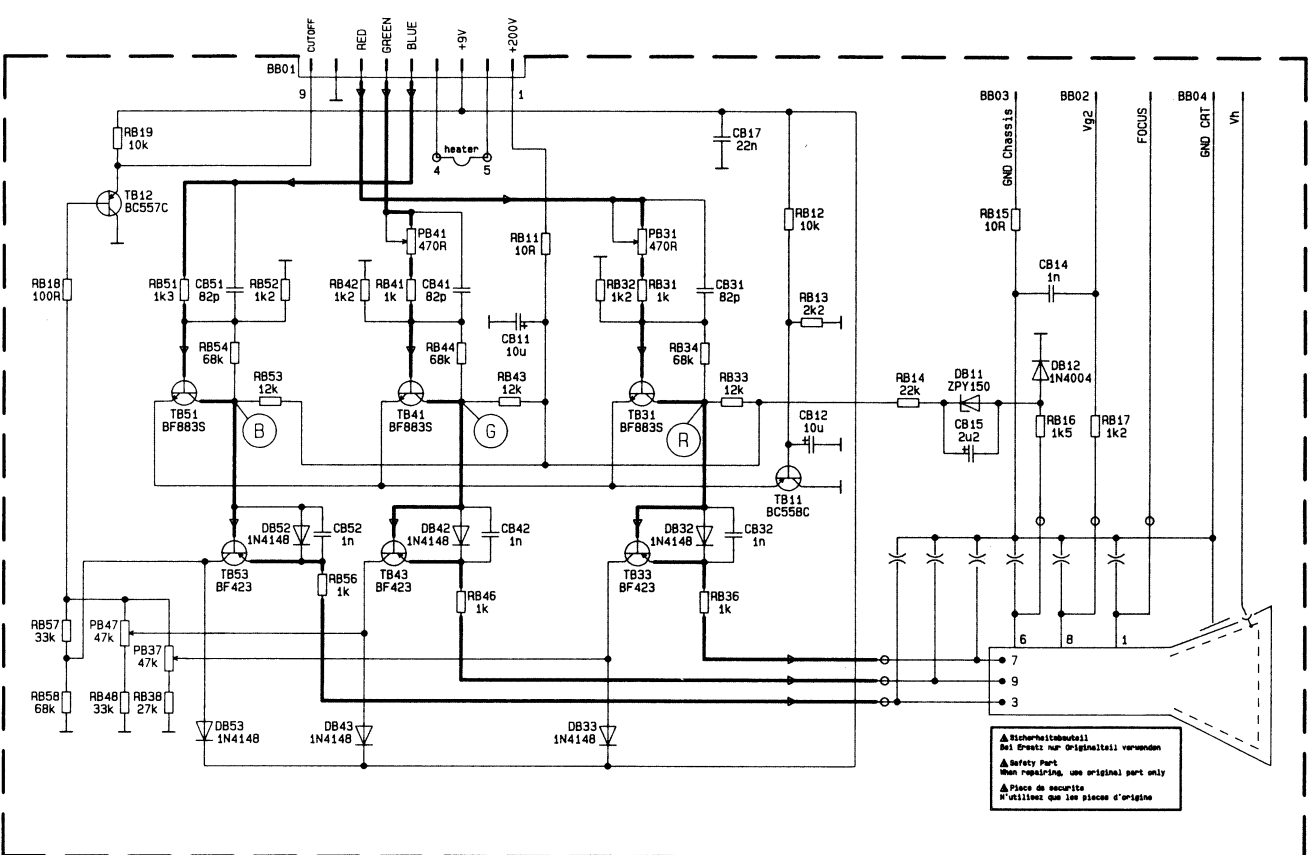
G (TB41)



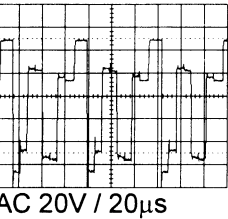
B (TB51)



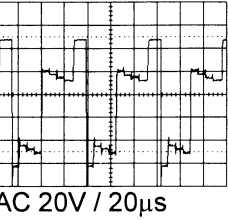
Bildröhrenplatte 6601 · Picture tube board · Platine tube image · Basetta Ciescopio ·
Placa de tubo de imagen



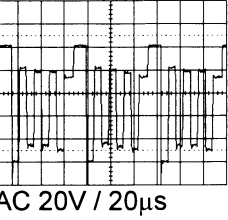
R (TB31)



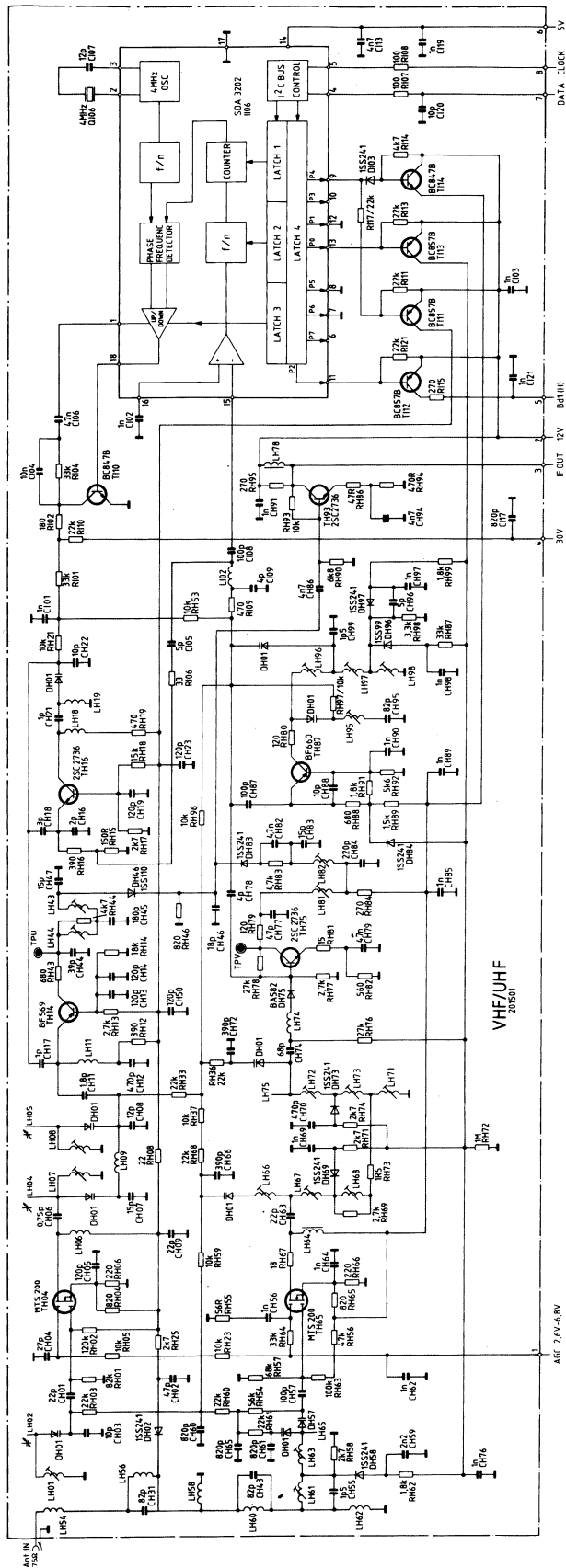
G (TB41)



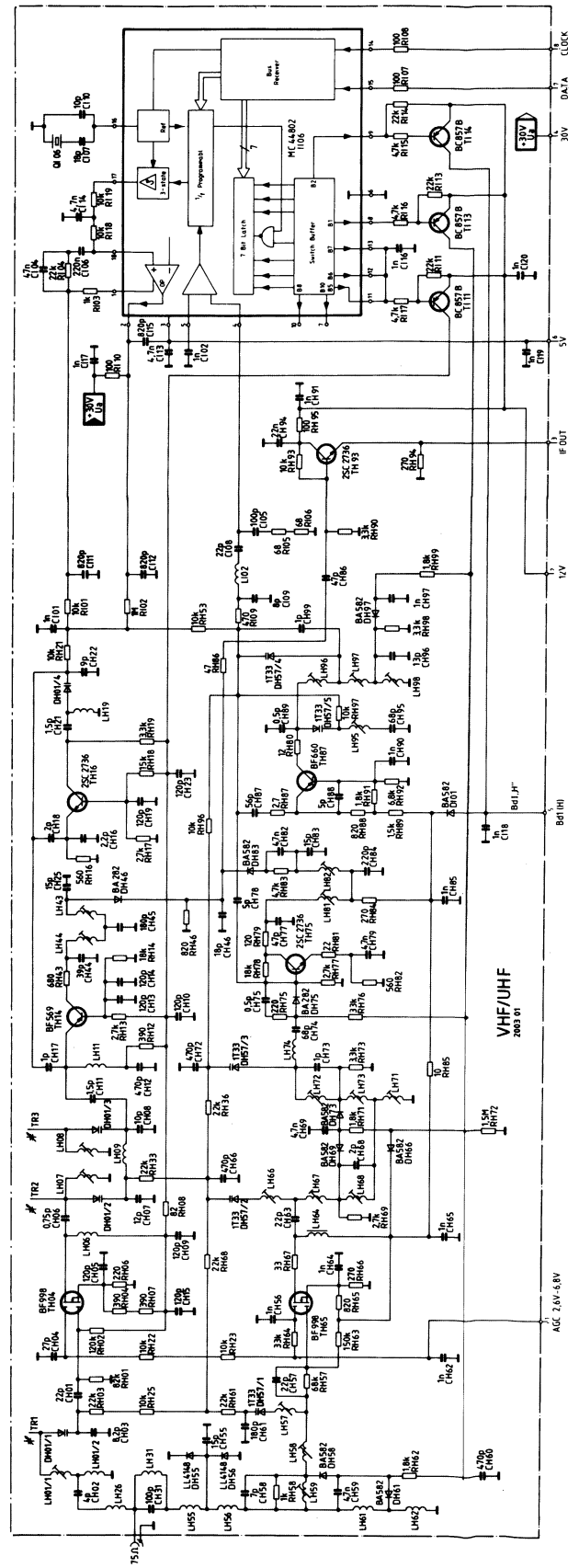
B (TB51)



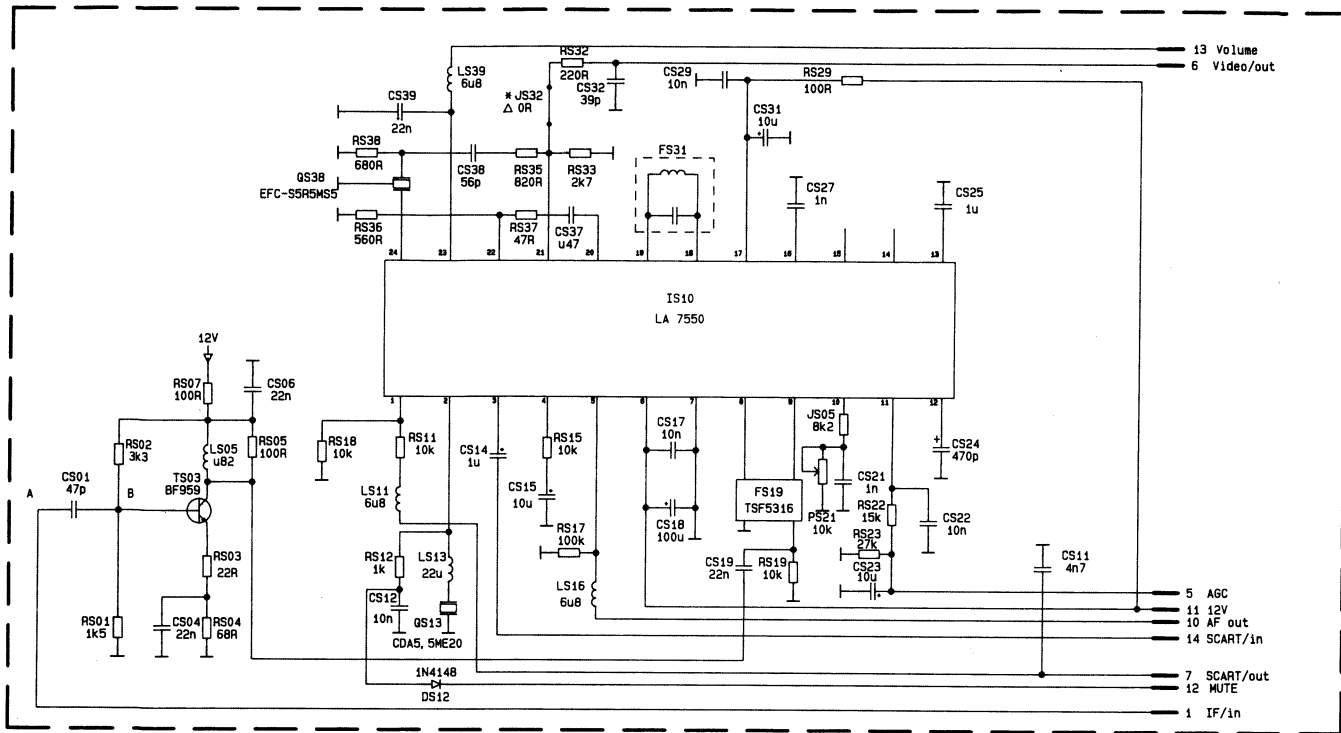
Tuner 2015



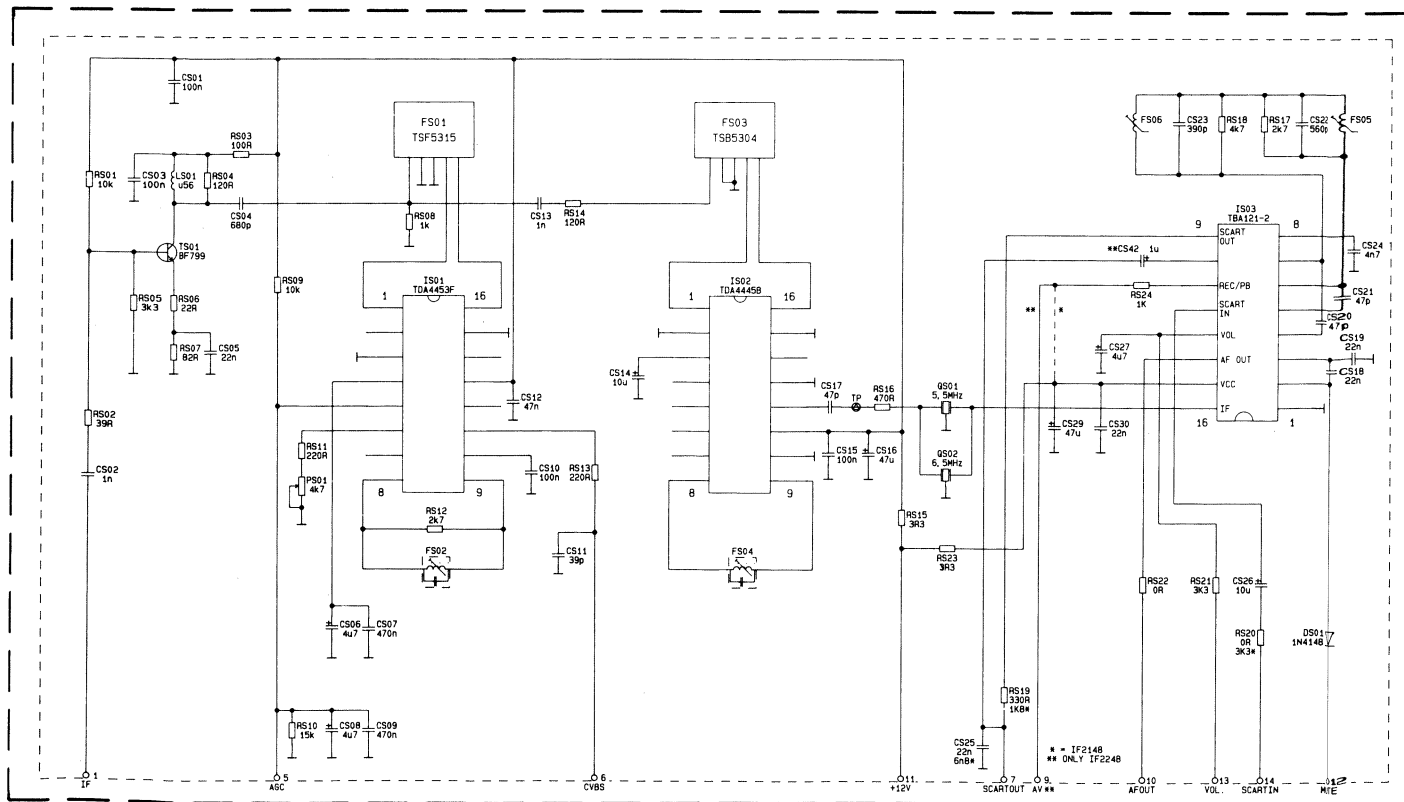
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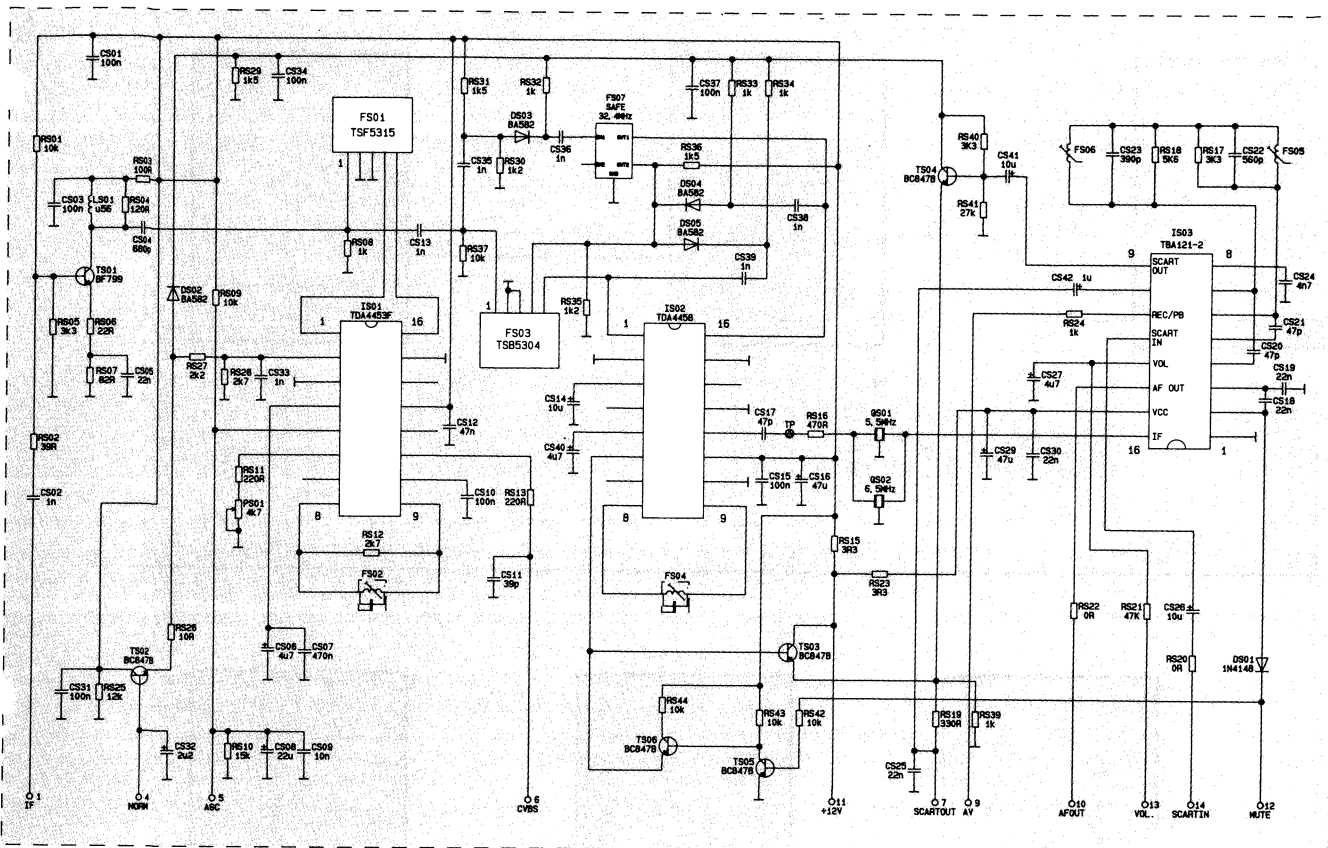
ZF-Verstärker 2109 · IF Amplifier · Amplificateur FI · Amplificatore FI · Amplificador FI



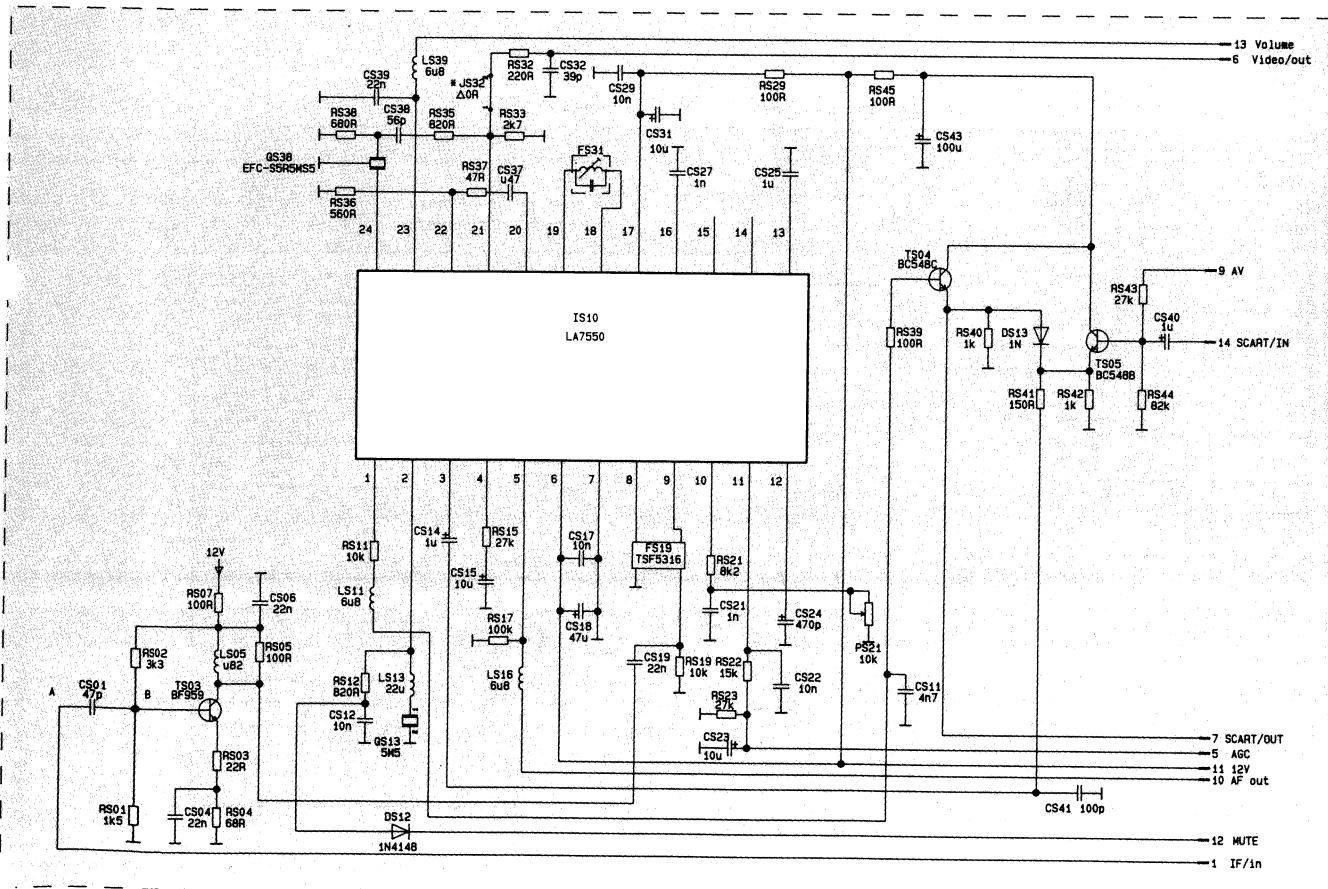
ZF-Verstärker 2148, 2248 · IF Amplifier · Amplificateur FI · Amplificatore FI · Amplificador FI



ZF-Verstärker 2149 · IF Amplifier · Amplificateur FI · Amplificatore FI · Amplificador FI



ZF-Verstärker 2600 · IF Amplifier · Amplificateur FI · Amplificatore FI · Amplificador FI



TELEFUNKEN

SERVICE

FERNSEHEN
TELEVISION
TÉLÉVISION

Bestell-Nr. 319 801 016

Chassis ICC 6

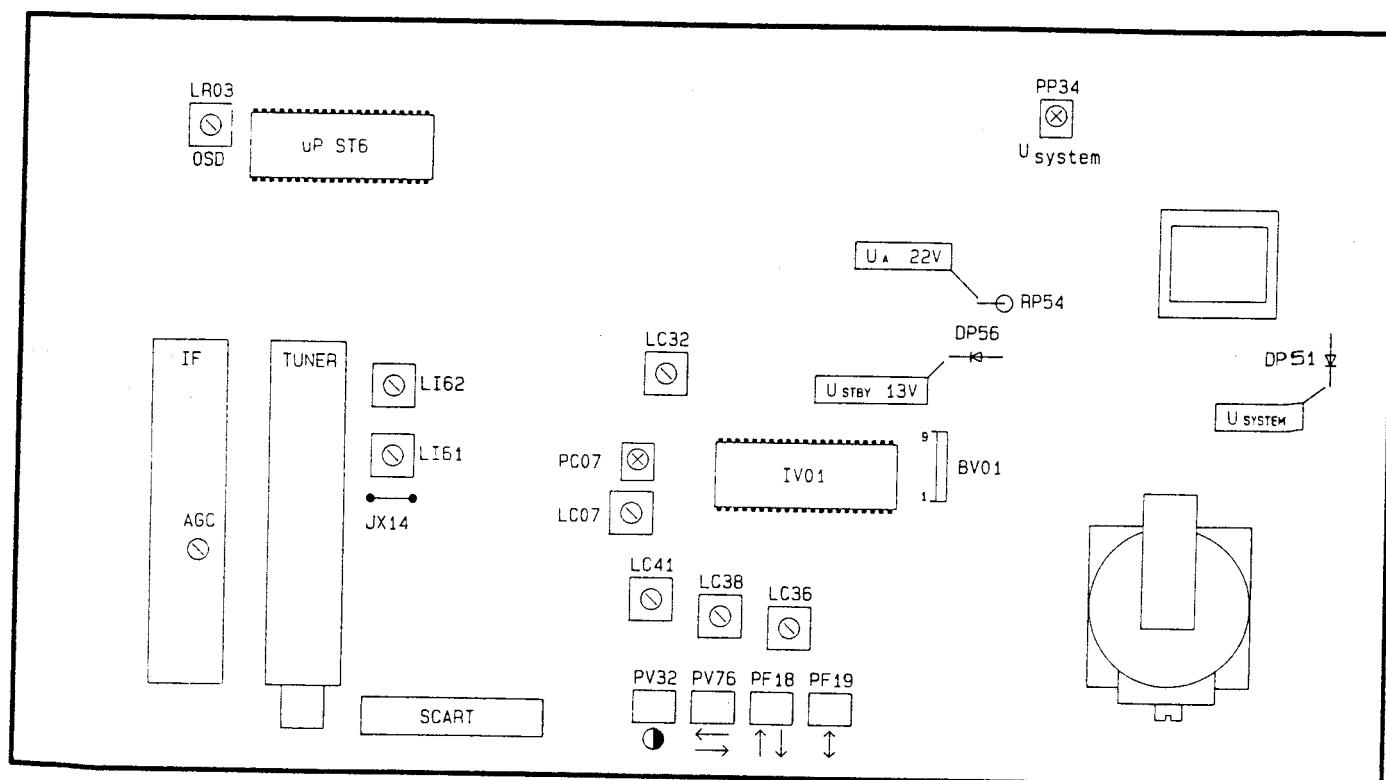
ACHTUNG! Ersatzteilbestellungen
sind schneller und kostengünstiger über

Btx * 381000080 #

(Nur in der Bundesrepublik Deutschland)

Fax 0130837777

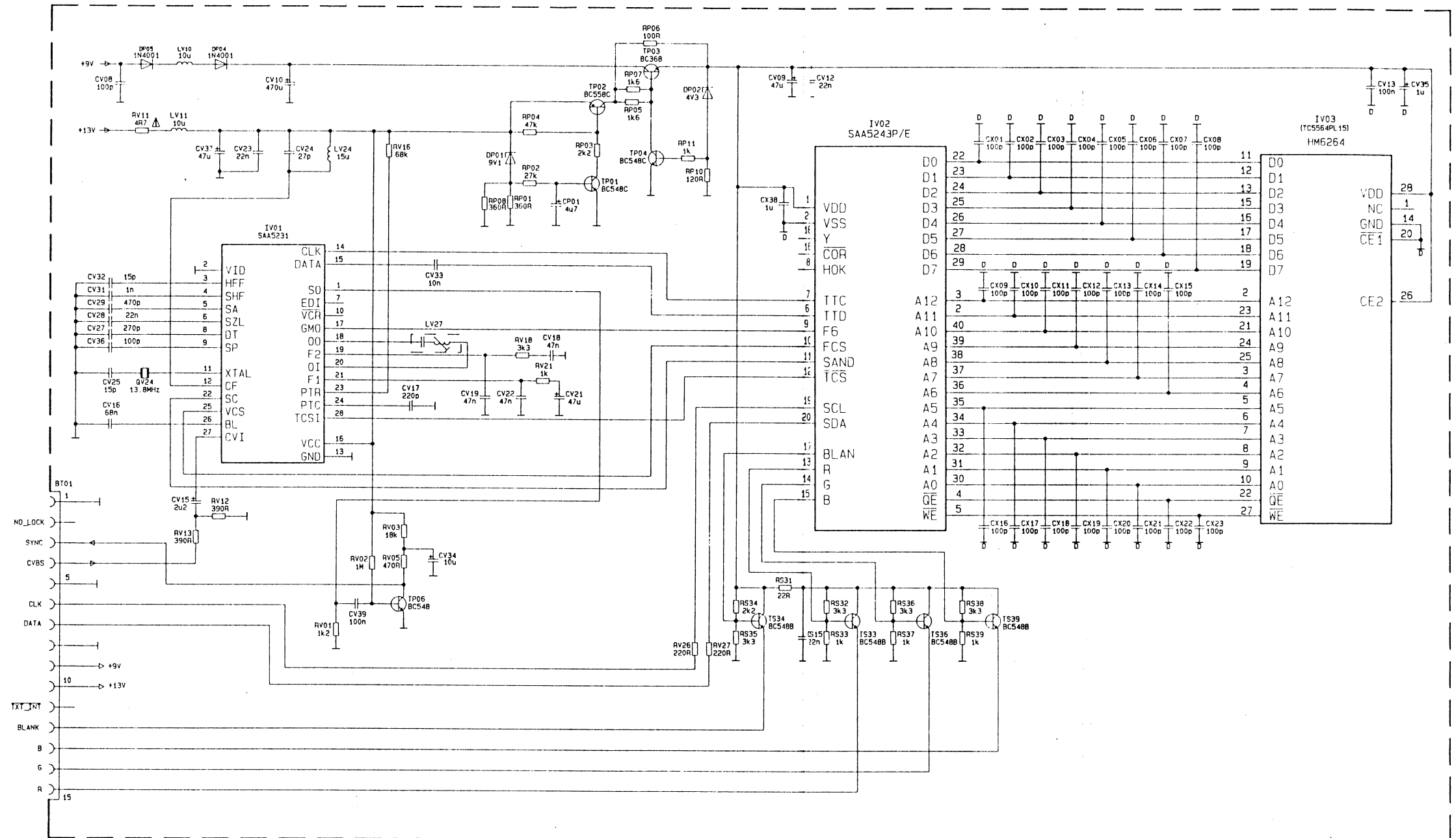
Service-Lageplan · Layout diagram · Disposition des régulateurs
Posizione regolatori di servizio · Situation de los ajustes



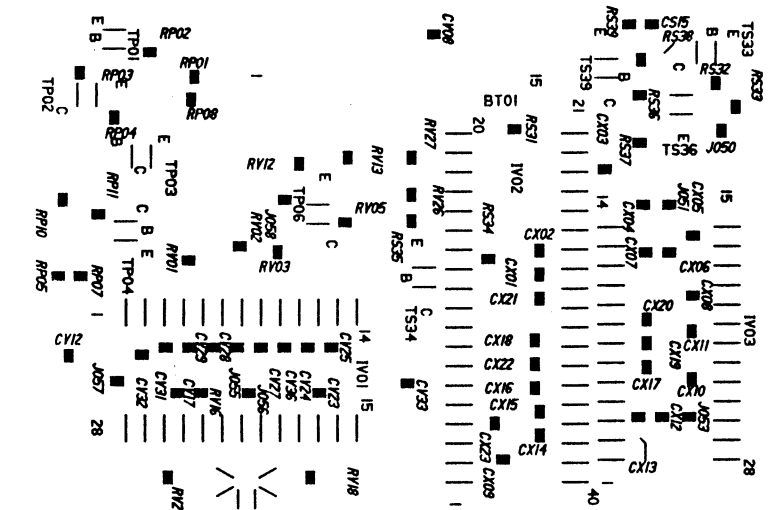
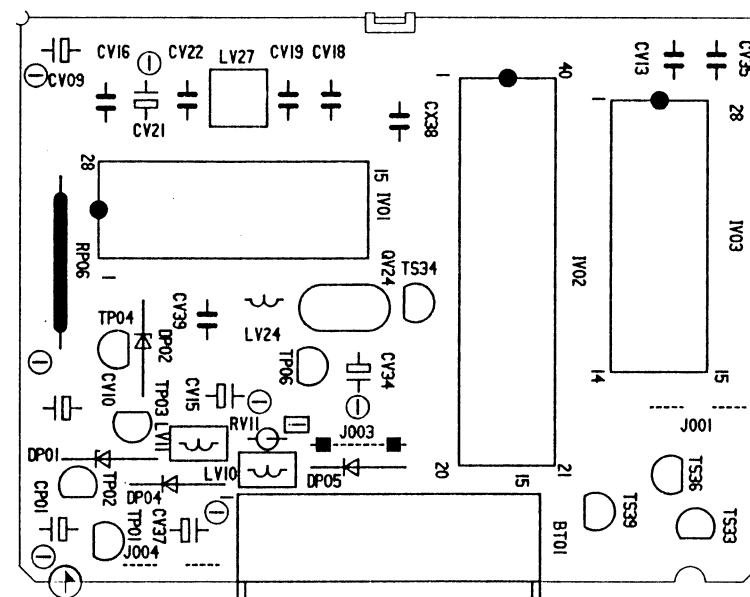
Service-Einstellungen · Service adjustments · Réglages de service · Regolazioni di servizio · Ajustes de servicio

U system	PP34		---	 DP51	17" : 104V 20" : 113V 21" : 113V
H.-Pos.	PV76		---		
V.-Pos.	PF18		--		
V.-Ampl.	PF19		—		
U G2	G2		= min.	 Collektor - TB31 - TB41 - TB51	17" : 140V 20" : 160V 21" : 160V
Spitzenweiß Peak-white	PV32		 	 C B E TB51	 17" : 80V 20" : 90V 21" : 95 V
Sound-Trap 5,5 MHz (6,5 MHz)	LI61 (LI62)		 	 R162 JX14 R163	U min, < 35dB
AGC	AGC		3mV Ch 9 BG	 Pin 3 Tuner	1. max. 2. max. - 8dB
PAL Chroma Delay	LC07 PC07	 	 	 C B E TB51	 min. line 1 + line 2 min.
Secam Ident	LC41		 	 IV01 Pin 23	U max.
Secam B-Y, R-Y	LC36 LC38	 	 		 Grau (PAL) = Grau (Secam) Grey (PAL) = Grey (Secam)
Secam Cloche-Filter	LC32		 	 BV01 Pin 5	B-out-Signal without distortion
Grauabgleich grey alignment (Bildrohrplatte) (CRT-Board)	PB47 PB37	 	 		 Grau, grey
Weißabgleich white alignment (Bildrohrplatte) (CRT-Board)	PB31 PB41	 	 		 Weiß, white

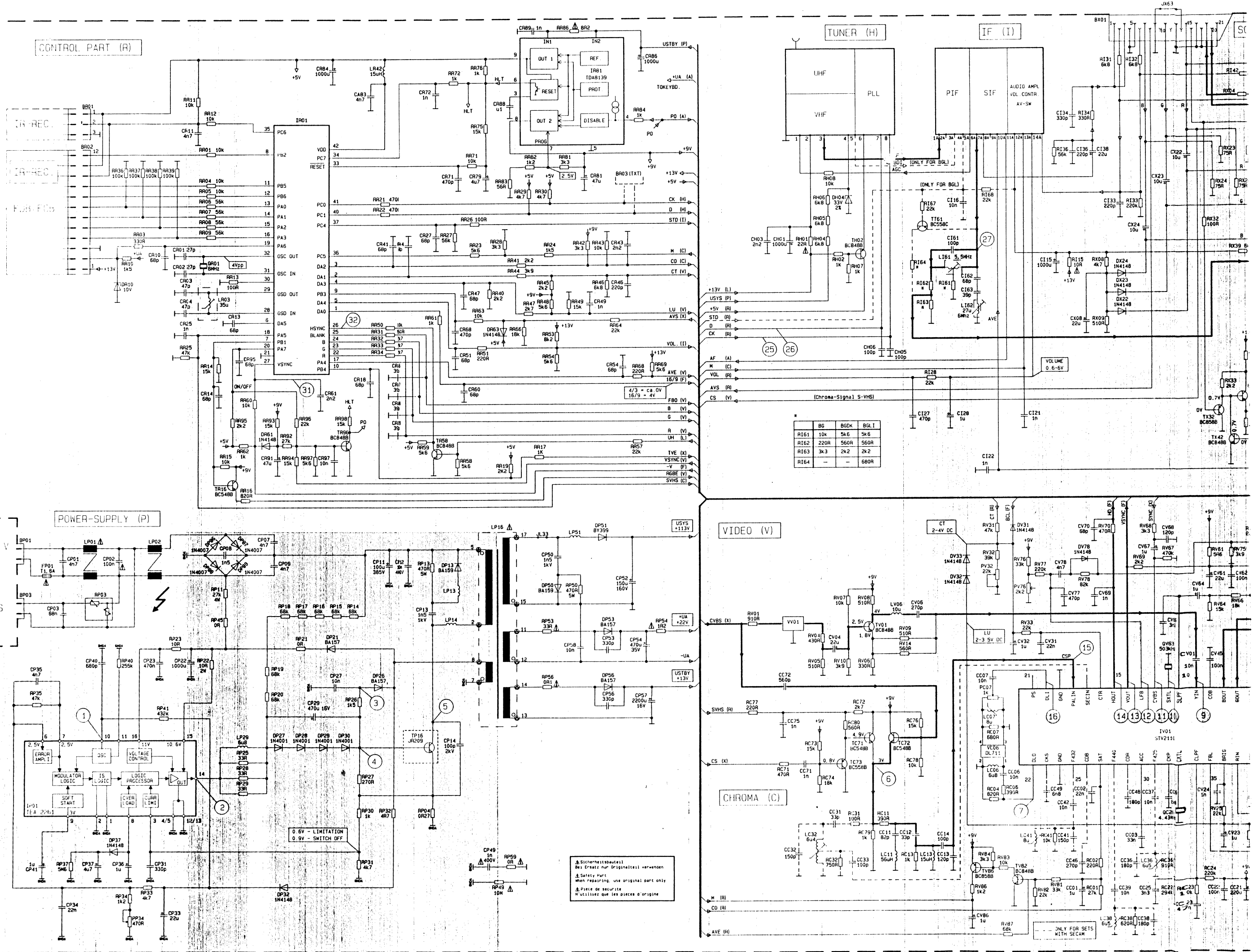
Videotext-Decoder DVT 6601 · Teletext Decoder · Décodeur Vidéotexte · Decoder Televideo · Descodificador Teletexto



Lötseite · solder side · côté soudure · lato saldature · lado soldaduras



CAD-REF: 10036470.00



Achtung!
Auf der Primärseite des
Netzteils alle Spannungen
und Oszillogramme gegen
Primär-Netzteilmasse messen.

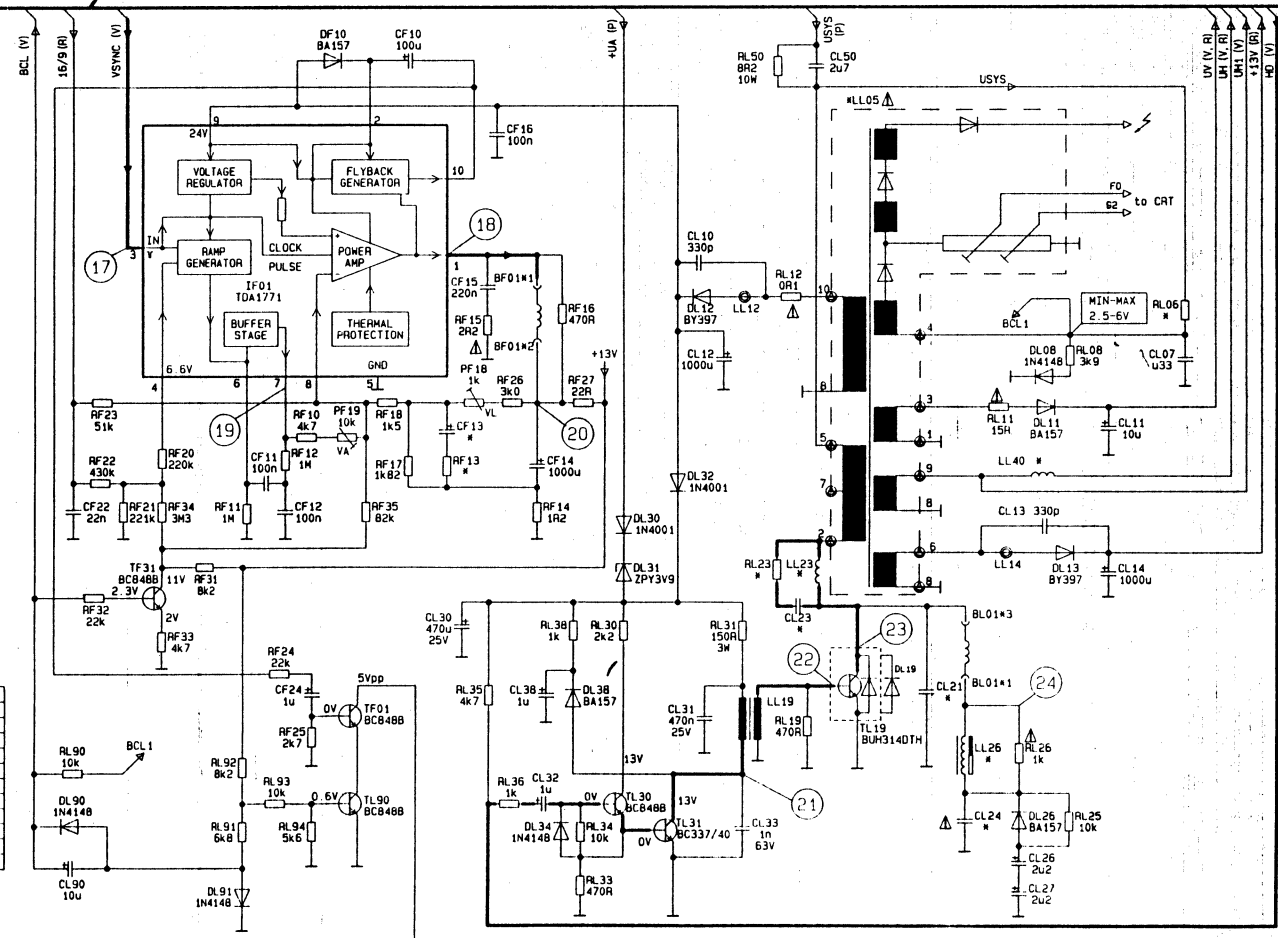
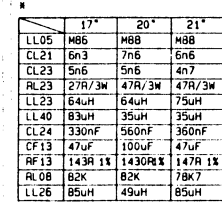
Important!
On the primary side of the line
section, measure all voltages
and oscillogrammes against
primary line section ground

Attention!
Sur le côté primaire du block
Secteur, mesurer toutes les
tensions et oscillogrammes
contre la masse primaire
du block secteur

Attenzione!
Nella zona primaria tutte
le tensioni e gli oscillogrammi
sono misurati verso massa
alimentatore primario

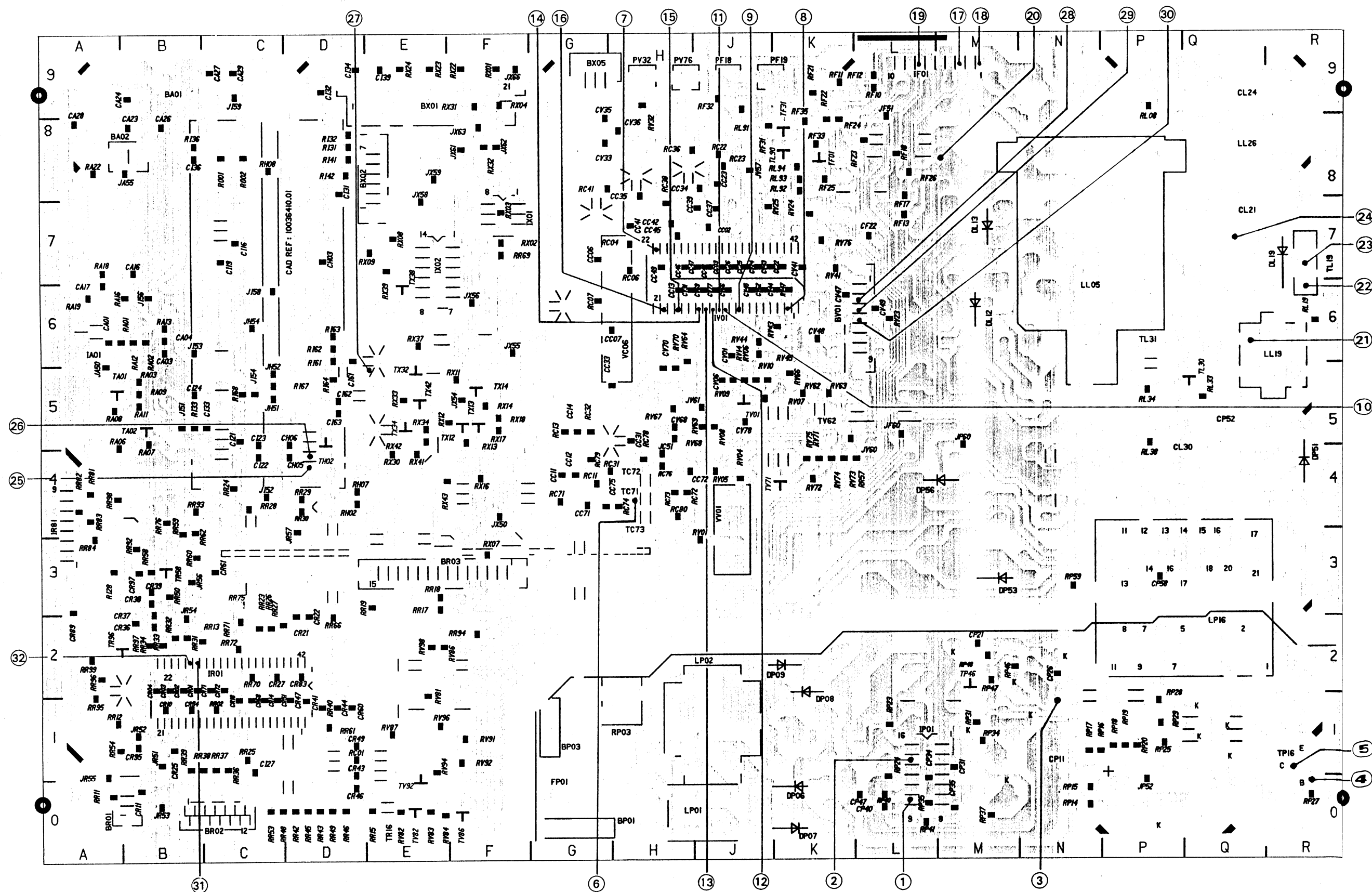
Atención!
En el lado primario de la fuente
de alimentación (lado de la red)
todas las tensiones y
oscilogramas son medidos
contra la masa de este mismo
lado

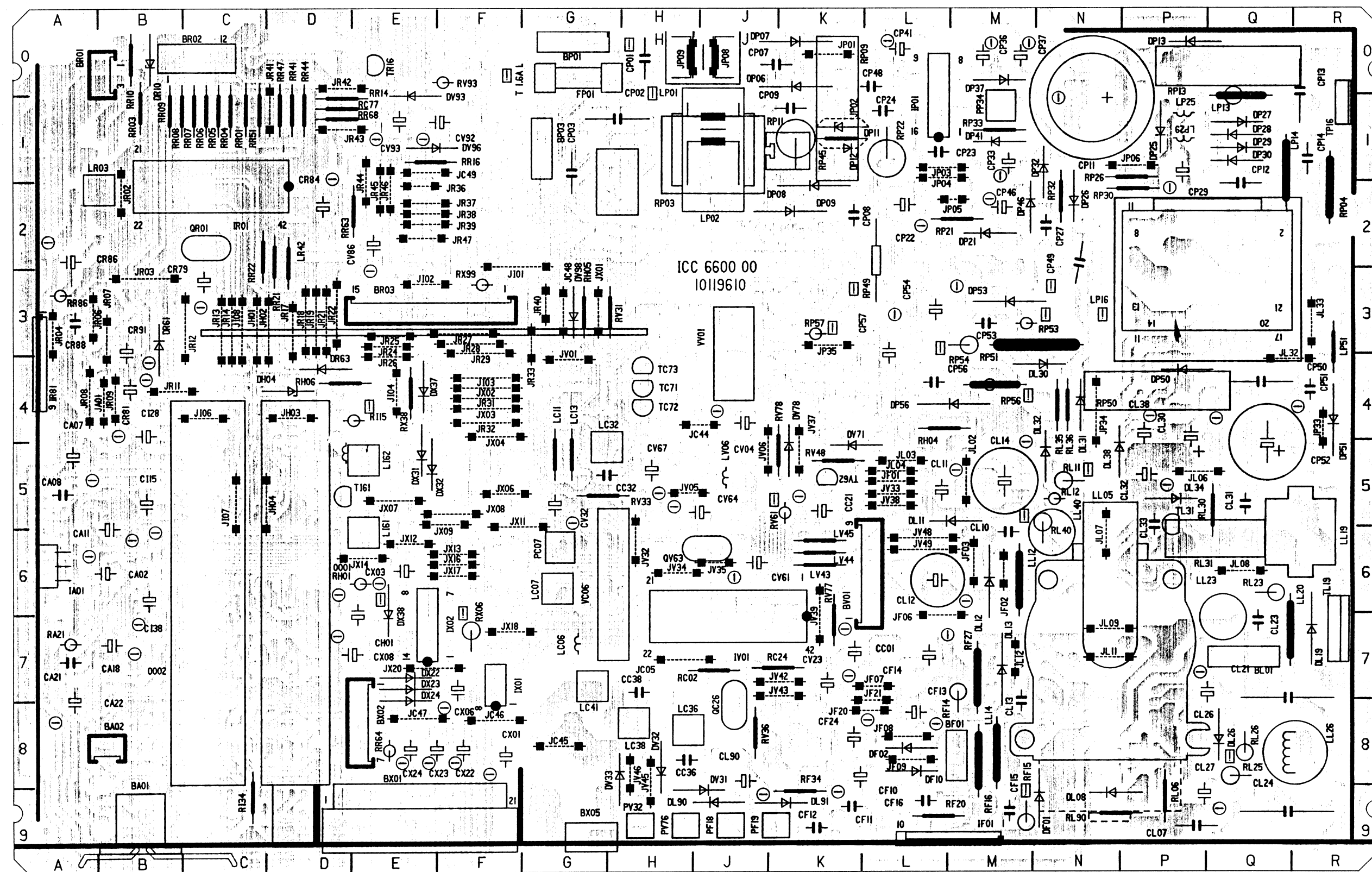
⚠ Sicherheitswarnung!
Bei Ersatz nur Originalteile verwenden
⚠ Safety Part
when replacing, use original part only
⚠ Piece de securite
N'utilisez que les pieces d'origine



- Los componentes marcados en el esquema con el símbolo Δ deben ser substituidos por repuestos originales (ver esquema).

Lötseite · solder side · côté soudure · lato saldature · lado soldaduras





Das Chassis ist netzgetrennt. Die Trennstelle liegt im Netzteil. Um die VDE-Sicherheit zu gewährleisten, ist nach einer Reparatur sicherzustellen:

1. Auf Luft- und Kriechstrecken achten!
Z. B. durchstehende Drähte ausgewechselter Bauelemente kurz abschneiden.
2. Sicherheitsbauteile Δ nur gegen Original-Ersatzteile auswechseln (siehe Stromlaufplan).

The chassis is isolated from line voltage. The isolation point is in the line section. In order to insure safety as per VDE requirements, the following must be checked after any repairs:

1. Check for air gap and leakage paths! For example, protruding ends of wires passing through the board must be cut off short.
2. Components with an essential safety function Δ are to be replaced only with original-equipment parts (see circuit diagram).

Le chassis est séparé du réseau. La séparation est située dans la partie alimentation. Pour assurer la sécurité au regard des normes VDE, après une réparation, il convient de veiller à

1. Prévenir des formations de circuits aériens ou rampants. Par ex. couper court les fils qui dépassent ou les éléments de construction échangés.
2. N'échanger les éléments de sécurité Δ que contre des pièces de rechange d'origine (cf. plan de passage du courant).

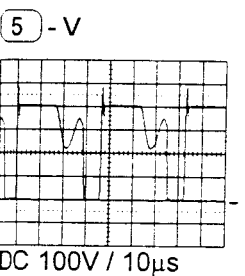
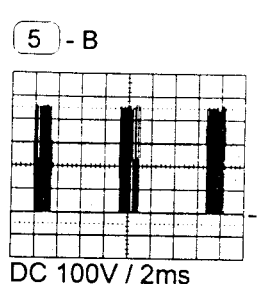
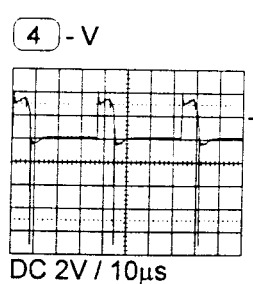
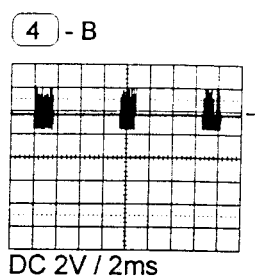
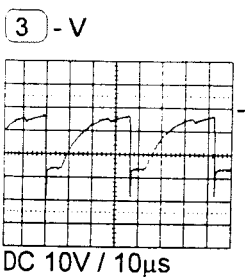
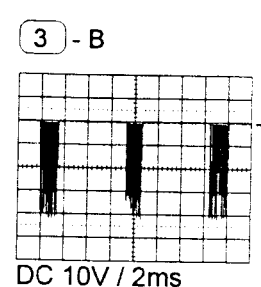
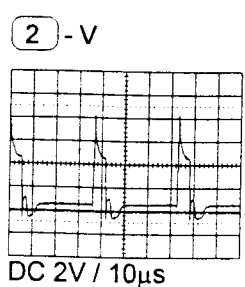
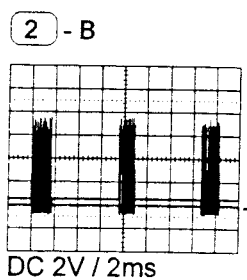
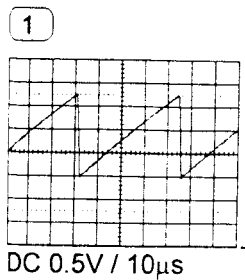
Il telaio é separato rete. Il punto di separazione risieda tra sezione rete. Per garantire la sicurezza VDE a riparazione effettuata deve essere assicurato che:

1. Tenere conto delle distanze dei componenti e dei percorsi! p.e. i terminali in passaggio dei componenti sostituiti devono essere tagliati corti.
2. Componenti di sicurezza Δ devono essere sostituiti solamente con ricambi originali (vedere schema).

El chasis está aislado de la red. La separación se produce en la fuente de alimentación. Para garantizar la seguridad en cumplimiento de las normas VDE, después de una reparación, asegurarse de lo siguiente.

1. Mantener la distancia entre componentes. Por ejemplo, cortando todo lo posible los hilos y terminales que sobresalgan de las pistas del circuito impreso.
2. Los componentes marcados en el esquema con el símbolo Δ deben ser substituidos por repuestos originales (ver esquema).

B = Burstbetrieb, Stand by mode,
V = Vollbetrieb, On mode



Achtung!

Auf der Primärseite des Netzteils alle Spannungen und Oszillogramme gegen Primär-Netzteilmasse messen.

Important!

On the primary side of the line section, measure all voltages and oscillogrammes against primary line section ground

Attention!

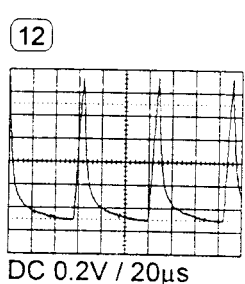
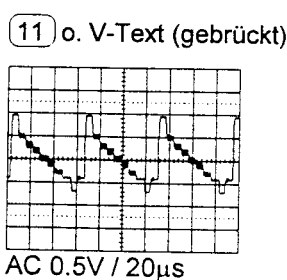
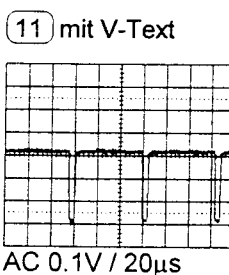
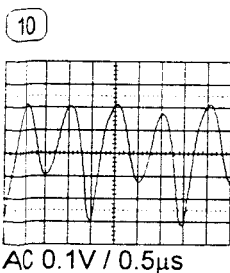
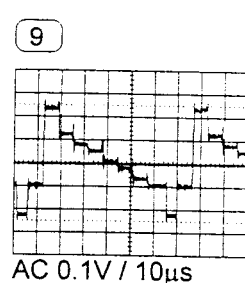
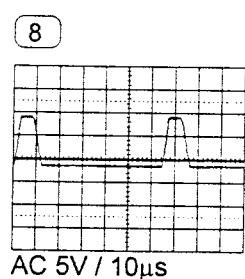
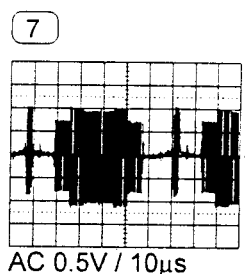
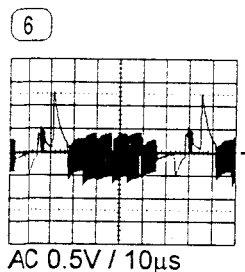
Sur le côté primaire du block Secteur, mesurer toutes les tensions et Oszillogrammes contre la masse primaire du block secteur

Attenzione!

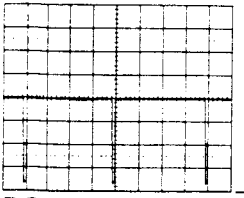
Nella zona primaria tutte le tensioni e gli oscillogrammi sono misurati verso massa alimentatore primario

Atención!

En el lado primario de la fuente de alimentación (lado de la red) todas las tensiones y oscillogramas son medidos contra la masa de este mismo lado

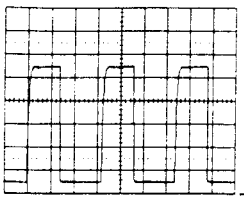


13



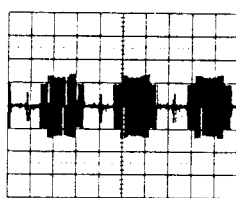
DC 2V / 5ms

14



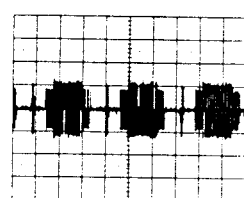
DC 2V / 20 μ s

15



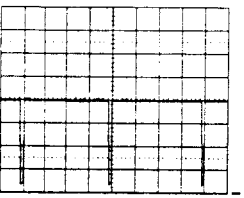
AC 0.1V / 20 μ s

16



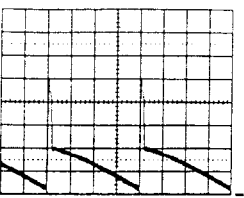
AC 0.1V / 20 μ s

17



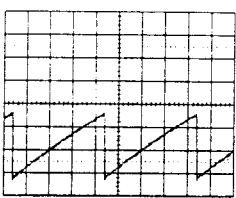
DC 2V / 5ms

18



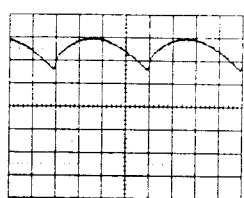
DC 10V / 5ms

19



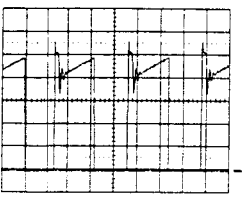
DC 2V / 5ms

20



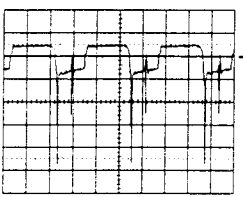
DC 2V / 5ms

21



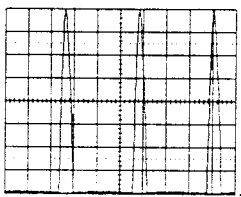
DC 5V / 20 μ s

22



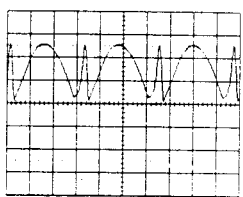
DC 5V / 20 μ s

23



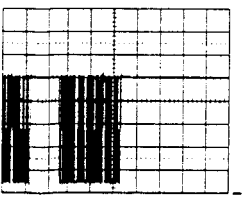
V_{ss} = 1000V / 20 μ s

24



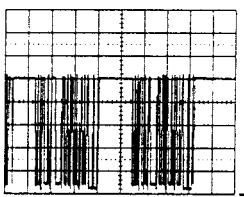
DC 20V / 20 μ s

25



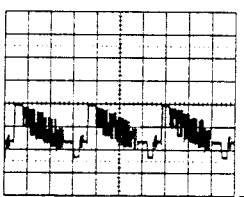
DC 1V / 5ms

26



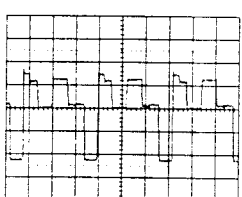
DC 1V / 5ms

27



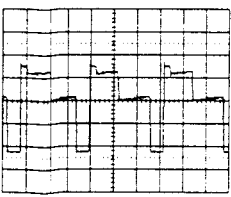
DC 1V / 20 μ s

28



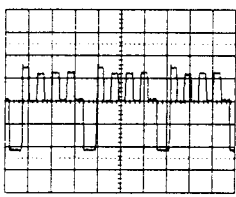
AC 1V / 20 μ s

29



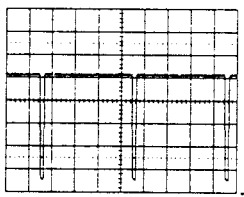
AC 1V / 20 μ s

30



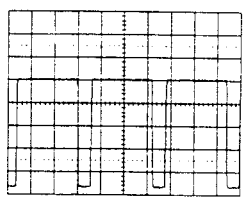
AC 1V / 20 μ s

31



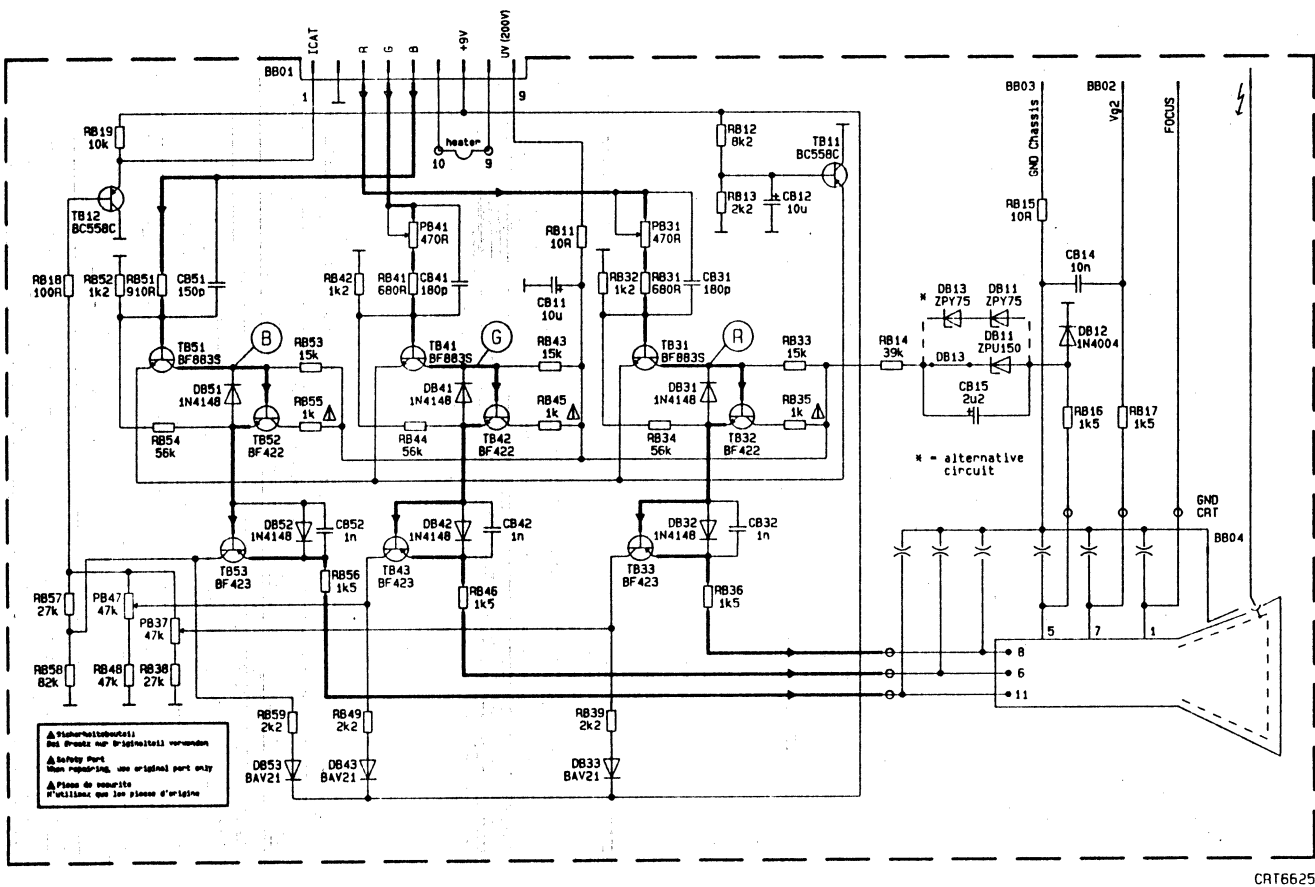
DC 1V / 5ms

32

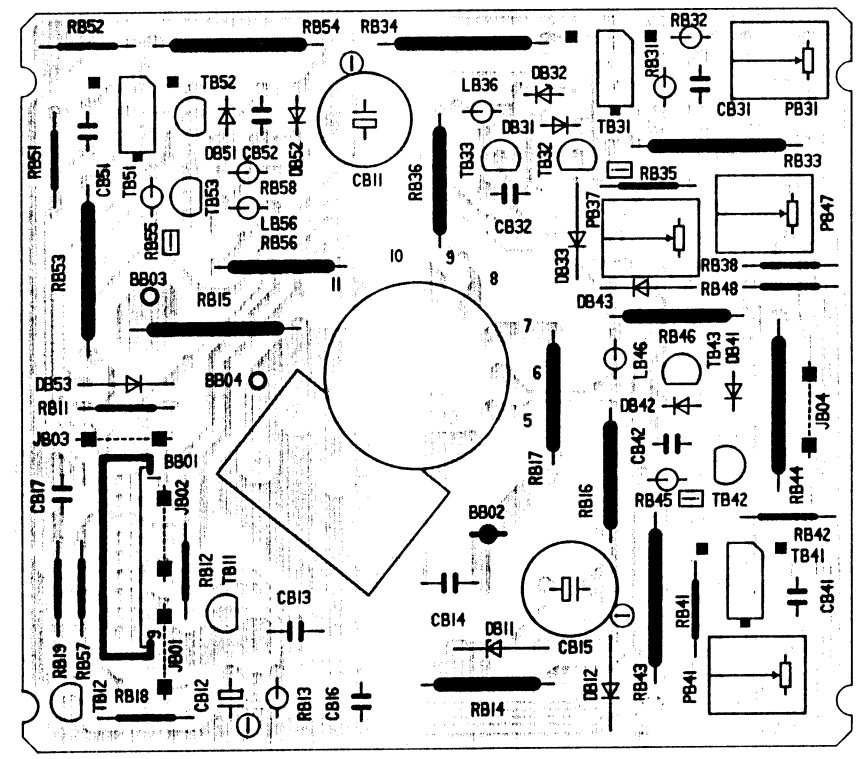
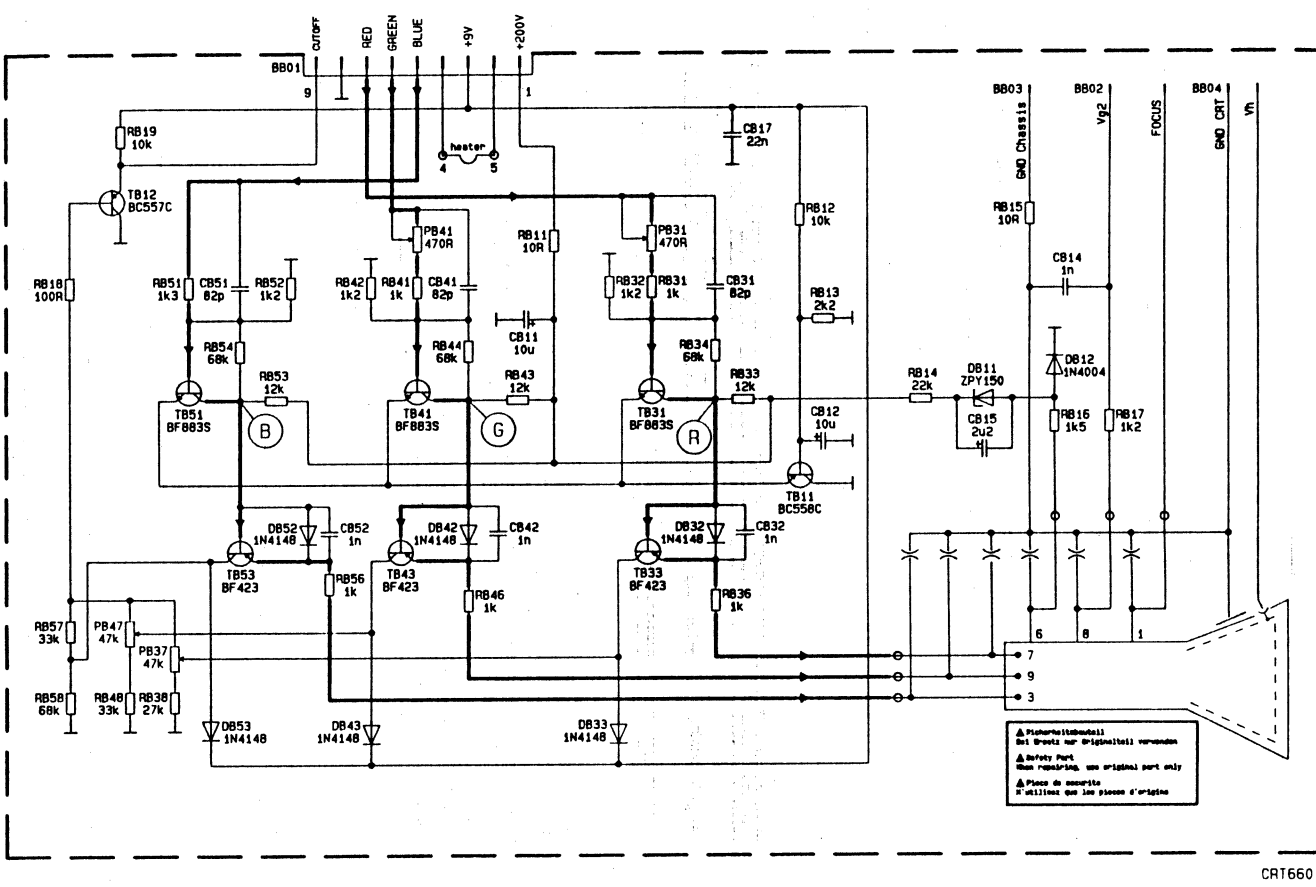


DC 1V / 20 μ s

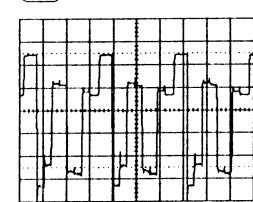
Bildröhrenplatte 6625 · Picture tube board · Platine tube image · Basetta Ciescopio · Placa de tubo de imagen



Bildröhrenplatte 6601 · Picture tube board · Platine tube image · Basetta Ciescopio · Placa de tubo de imagen

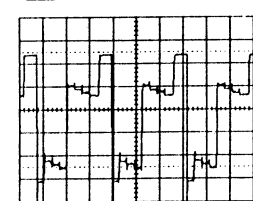


(R) (TB31)



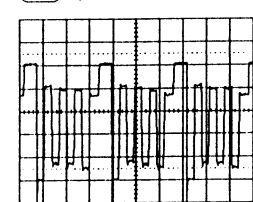
AC 20V / 20µs

(G) (TB41)

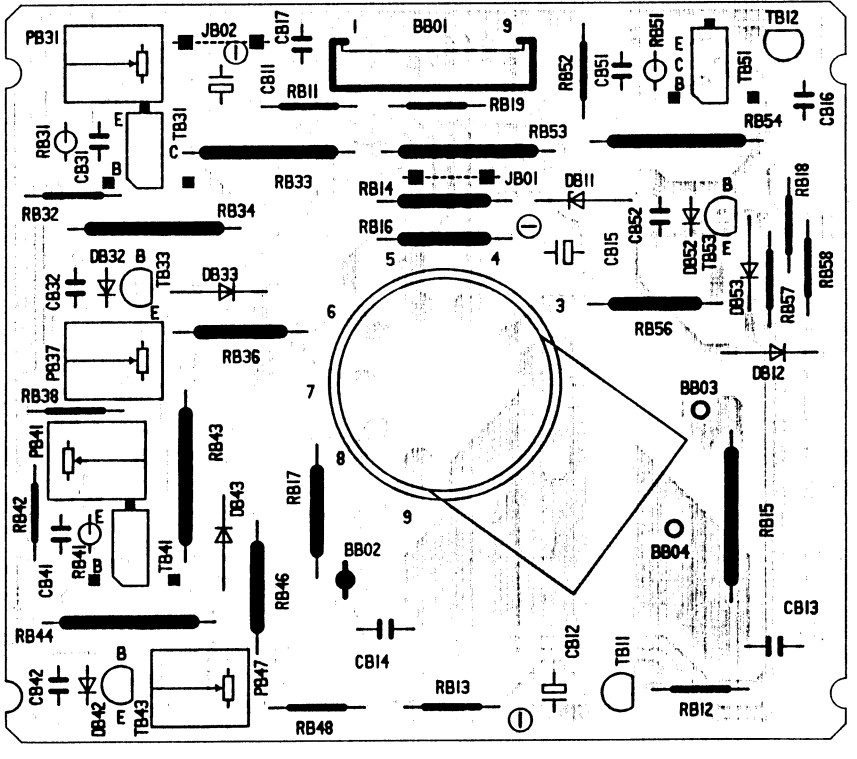


AC 20V / 20µs

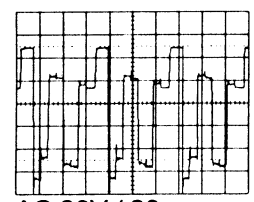
(B) (TB51)



AC 20V / 20µs

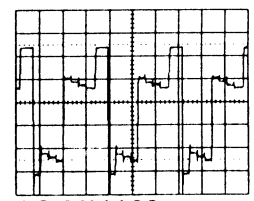


(R) (TB31)



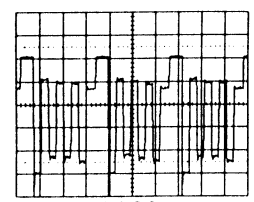
AC 20V / 20µs

(G) (TB41)

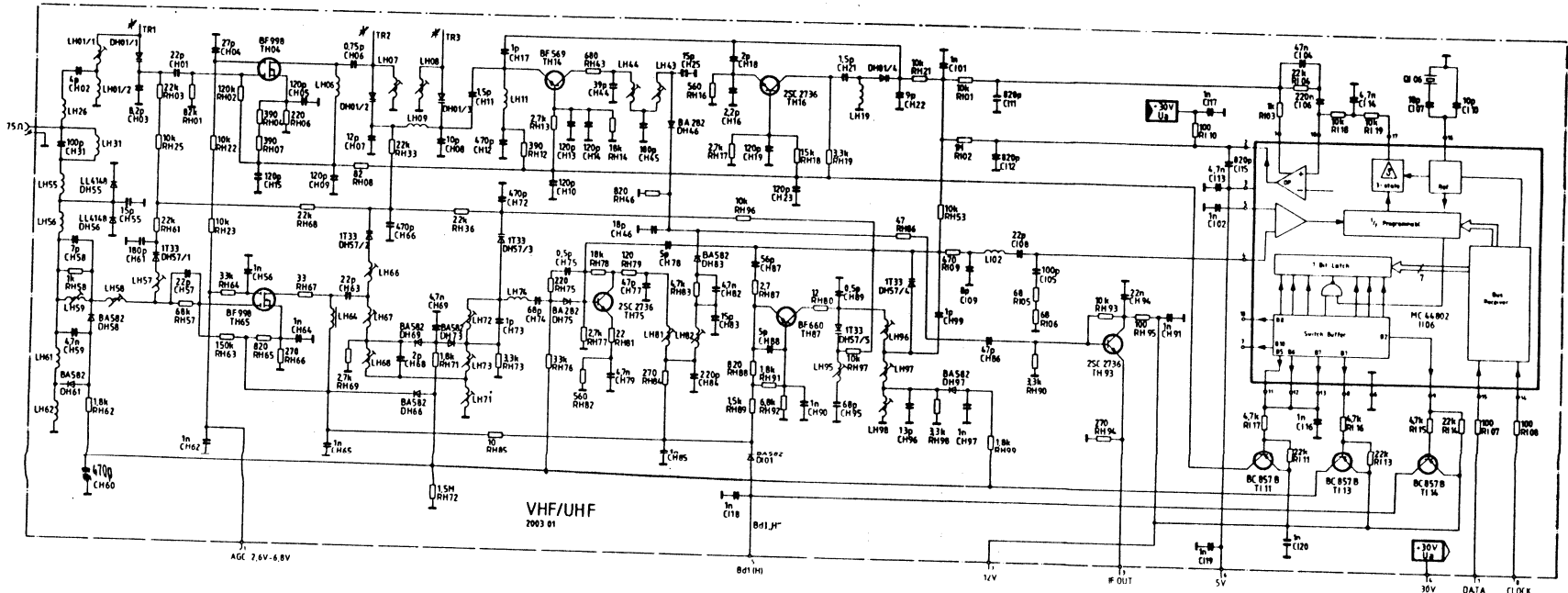


AC 20V / 20µs

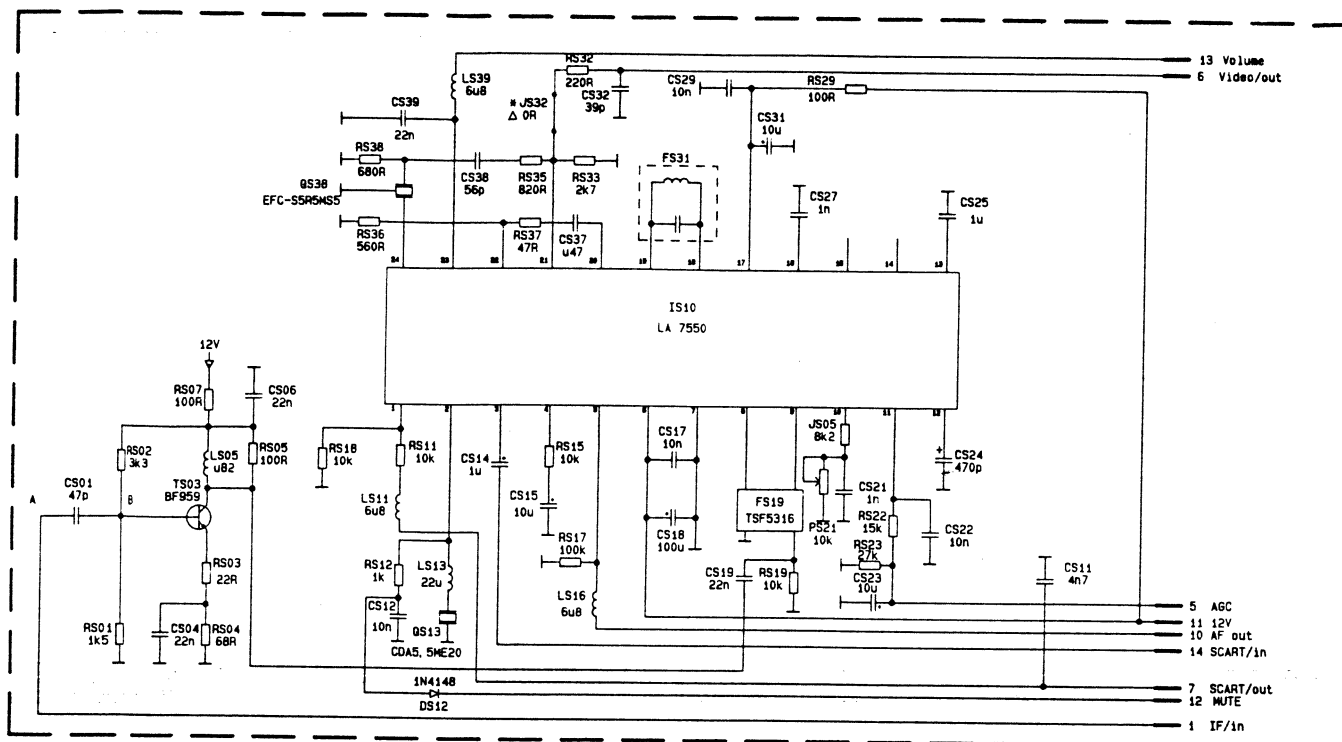
(B) (TB51)



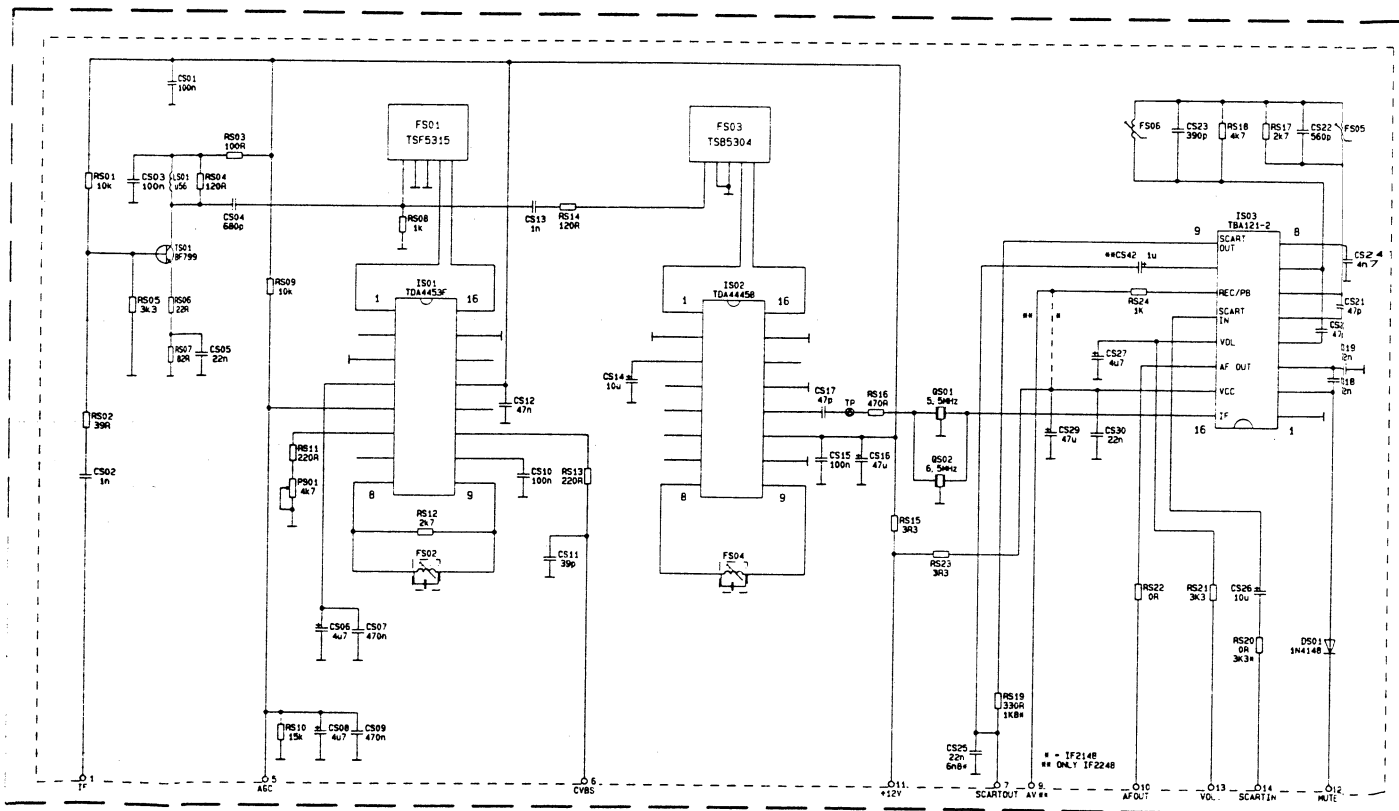
AC 20V / 20µs

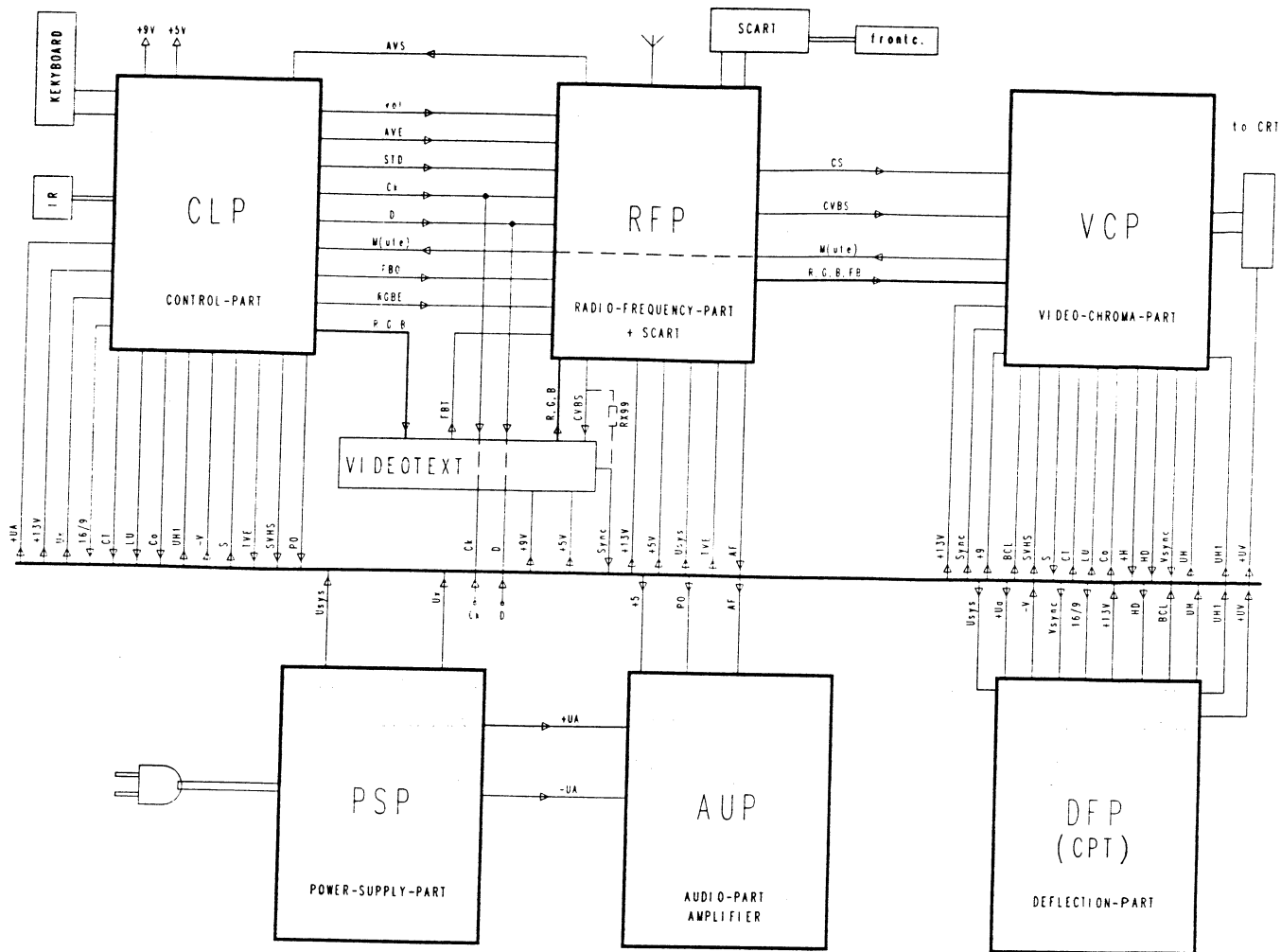


ZF-Verstärker 2109 · IF Amplifier · Amplificateur FI · Amplificatore FI · Amplificador FI

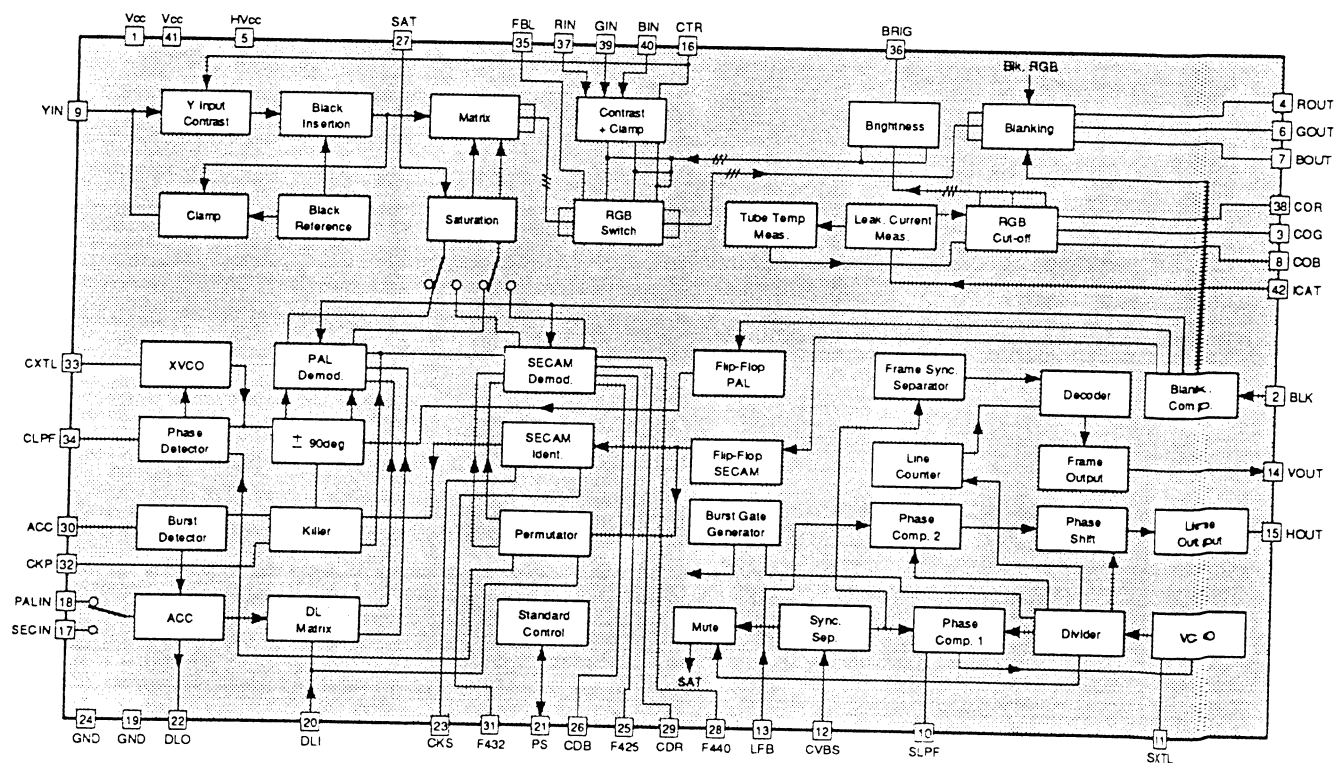


ZF-Verstärker 2148 · IF Amplifier · Amplificateur FI · Amplificatore FI · Amplificador FI





STV2110



Ersatzteilliste • Spare parts list • Liste de pièces de rechange • Lista parti di ricambio • Lista de piezas de recambio

Wichtig: Bei Ersatzteilbestellung bitte unbedingt die entsprechende Bestellnummer angeben!
N.B.: When demanding Spare Parts it is absolutely necessary to quote the corresponding part number!
Important: Lors d'une commande de pièces de rechange, prière d'indiquer en tout cas le numéro de la pièce!
Importante: Ordinare sempre con il numero corrispondenti di codice!
Importante: Pedir siempre los recambios con el numero correspondiente de código!

Pos	Bestell-Nr	Bezeichnung	Item	Pos	Bestell-Nr	Bezeichnung	Item
		AUSTAUSCHTEILE	EXCHANGE PARTS				
	349 357 098	Tuner TP2015	tuner	LC 13	339 349 567	15uH 10% HF-Drossel	RF choke
	349 354 416	ZF-Verstärker IF2248	IF amplifier	LC 32	309 249 350	6u4 Spule	coil
				LC 36	309 249 412	6u5 Spule	coil
				LC 38	309 249 412	6u5 Spule	coil
				LC 41	309 249 351	8uH Spule	coil
				LI 61	309 249 404	8uH Filter-Spule	filter coil
				LI 62	309 249 344	27u5 Filter-Spule	filter coil
				LL 5	309 311 010	Hochsp.-Trafo DSTM88	high voltage transformer
				LL 12	309 249 407	Ferrit-Rohrkern m. Draht	ferrite tube core with wire
				LL 14	309 249 407	Ferrit-Rohrkern m. Draht	ferrite tube core with wire
				LL 19	309 309 992	Treiber-Trafo	driver transformer
				LL 23	309 249 384	75uH Spule	coil
				LL 26	309 249 415	85uH Linearitätsspule	linearity coil
				LL 40	309 249 416	35uH Spule	coil
				LP 1	309 259 021	Netz-drossel	mains choke
				LP 2	309 259 022	Netz-drossel	mains choke
				LP 13	309 249 407	Ferrit-Rohrkern m. Draht	ferrite tube core with wire
				LP 14	309 249 407	Ferrit-Rohrkern m. Draht	ferrite tube core with wire
				LP 16	309 310 182	Netztrafo SMT4	mains transformer
				LP 29	309 250 049	6u8 Spule	coil
				LP 51	309 614 916	Ferrit-Rohrkern m. Draht	ferrite tube core with wire
				LR 3	309 249 375	35uH Spule	coil
				LR 42	339 349 567	15uH HF-Drossel	RF choke
				LV 6	309 249 405	10uH Drossel	choke
				LV 43	309 249 417	3u9 Spule	coil
				LV 44	309 249 417	3u9 Spule	coil
				LV 45	309 249 417	3u9 Spule	coil
				PC 7	309 509 199	1K Trimmwid. liegend	trimmer resistor
				PF 18	309 509 200	1K Trimmwid. stehend	trimmer resistor
				PF 19	309 509 201	10K Trimmwid. stehend	trimmer resistor
				PP 34	309 509 204	470R Trimmwid. liegend	trimmer resistor
				PV 32	309 509 202	22K Trimmwid. stehend	trimmer resistor
				PV 76	309 509 203	2K2 Trimmwid. stehend	trimmer resistor
				QC 26	309 335 730	4MHz433619 Filter-Quarz	filter crystal
				QR 1	309 335 731	8MHz Filter-Quarz	filter crystal
				QV 63	309 160 833	CSB503B Keramik-Filter	ceramic filter
				RA 21	309 580 967	1R8 5% 0,3W Sichwid.	fuse resistor
				RF 15	309 580 999	2R2 5% 0,35W Sichwid.	fuse resistor
				RH 1	309 580 955	22R 5% 0,3W Sichwid.	fuse resistor
				RI 15	339 537 955	5R6 5% 0,3W Sichwid.	fuse resistor
				RL 11	309 580 001	15R 10% 0,35W Sichwid.	fuse resistor
				RL 12	309 580 974	0R1 10% 0,4W Sichwid.	fuse resistor
				RL 23	309 556 281	47R 5% 3W Drahwid.	wire resistor
				RL 26	309 580 002	1K 5% 0,35W Sichwid.	fuse resistor
				RL 31	309 556 316	150R 5% 3W Drahwid.	wire resistor
				RL 51	309 556 284	8R2 10% 10W Drahwid.	wire resistor
				RP 3	309 560 952	25/6K 220V PTC-Wid.	resistor
				RP 4	309 549 693	0R27 5% 2,5W Metox-Wid.	resistor
				RP 11	309 549 694	27K 5% 4W Metox-Wid.	resistor
				RP 13	309 556 317	470R 5% 5W Drahwid.	wire resistor
				RP 22	309 530 702	10R 5% 2W Metox-Wid.	resistor
				RP 49	309 530 716	10M 5% 0,7W Schwid.	film resistor
				RP 50	309 556 317	470R 5% 5W Drahwid.	wire resistor
				RP 53	309 580 003	0R33 10% 0,4W Sichwid.	fuse resistor
				RP 54	339 537 734	1R2 5% 0,3W Sichwid.	fuse resistor
				RP 56	309 580 974	0R1 10% 0,4W Sichwid. Metall	fuse resistor
				RR 86	309 580 990	8R2 5% 0,3W Sichwid.	fuse resistor
				RV 61	339 537 955	5R6 5% 0,3W Sichwid.	fuse resistor
				RX 6	309 580 004	39R 10% 0,35W Sichwid.	fuse resistor
				TA 1	339 555 241	BC848B Transistor-Chip	transistor chip
				TA 2	339 555 241	BC848B Transistor-Chip	transistor chip
				TC 71	309 001 293	BC548B Transistor	transistor
				TC 72	309 001 293	BC548B Transistor	transistor
				TC 73	309 001 226	BC558B Transistor	transistor
				TF 1	339 555 241	BC848B Transistor Chip	transistor chip
				TF 31	339 555 241	BC848B Transistor Chip	transistor chip
				TH 2	339 555 241	BC848B Transistor-Chip	transistor chip
				TL 19	309 005 031	BUH314DTH Transistor	transistor
				TL 30	339 555 241	BC848B Transistor-Chip	transistor chip
				TL 31	339 556 787	BC337-40 Transistor	transistor
				TL 90	339 555 241	BC848B Transistor Chip	transistor chip
				TP 16	309 005 032	BUT11AF Transistor	transistor
				TR 16	309 001 293	BC548B Transistor	transistor
				TR 58	339 555 241	BC848B Transistor-Chip	transistor chip
				TR 96	339 555 241	BC848B Transistor-Chip	transistor chip
				TV 1	339 555 241	BC848B Transistor Chip	transistor chip
				TV 62	309 001 293	BC548B Transistor	transistor
				TV 71	309 001 353	BC858B Transistor-Chip	transistor chip
				TV 82	339 555 241	BC848B Transistor-Chip	transistor chip
				TV 86	309 001 353	BC858B Transistor-Chip	transistor chip
				TV 92	309 001 353	BC858B Transistor-Chip	transistor chip
				TX 12	339 555 241	BC848B Transistor-Chip	transistor chip
				TX 13	339 555 241	BC848B Transistor-Chip	transistor chip
				TX 14	339 555 241	BC848B Transistor-Chip	transistor chip
				TX 32	309 001 353	BC858B Transistor-Chip	transistor chip
				TX 34	339 555 241	BC848B Transistor-Chip	transistor chip
				TX 38	339 555 241	BC848B Transistor-Chip	transistor chip
				TX 42	339 555 241	BC848B Transistor-Chip	transistor chip
				VC 6	309 699 509	DL711 Verzögerungsltg.	delay line
				VV 1	309 378 197	ELB4L154 LC-Modu	LC module
CL 10	309 440 678	330p 20% 1KV Kerko	ceramic capacitor				
CL 13	309 440 678	330p 20% 1KV Kerko	ceramic capacitor				
CL 21	309 432 620	6n6 3,5% 1,6KV Kondensator	capacitor				
CL 24	309 434 626	360n 5% 250V MKPS-Ko	capacitor				
CL 51	246 073	2u7 10% 100V MKP-Ko	capacitor				
CP 1	309 440 684	4n7 275V Kerko	ceramic capacitor				
CP 2	309 440 680	100n 275V Kerko	ceramic capacitor				
CP 7	309 441 643	4n7 1KV Kerko	ceramic capacitor				
CP 8	309 431 486	1n5 1KV Kerko	ceramic capacitor				
CP 9	309 441 643	4n7 1KV Kerko	ceramic capacitor				
CP 11	309 418 406	100u 385V Eiko	el. cap.				
CP 13	339 590 226	1n5 1KV Kondensator	capacitor				
CP 14	309 440 685	100p 2KV Kerko	ceramic capacitor				
CP 49	309 440 686	1n 20% 40V Kerko	ceramic capacitor				
CP 50	339 590 226	1n5 1KV Kondensator	capacitor				
CP 52	309 418 407	150u 160V Eiko	el. cap.				
DF 10	309 325 069	BA157 Diode	diode				
DH 4	309 325 172	ZPD33 2% Z-Diode	z-diode				
DL 8	309 325 927	1N4148 Diode	diode				
DL 11	309 325 069	BA157 Diode	diode				
DL 12	309 325 167	BY397 Diode	diode				
DL 13	309 325 167	BY397 Diode	diode				
DL 26	309 325 069	BA157 Diode	diode				
DL 30	309 325 951	1N4001 Diode	diode				
DL 31	309 327 158	ZPY3V9 Z-Diode	z-diode				
DL 32	309 325 951	1N4001 Diode	diode				
DL 34	309 325 927	1N4148 Diode	diode				
DL 38	309 325 069	BA157 Diode	diode				
DL 90	309 325 927	1N4148 Diode	diode				
DL 91	309 325 927	1N4148 Diode	diode				
DP 6	309 327 074	1N4007 Diode	diode				
DP 7	309 327 074	1N4007 Diode	diode				
DP 8	309 327 074	1N4007 Diode	diode				
DP 9	309 327 074	1N4007 Diode	diode				
DP 13	309 325 069	BA159 Diode	diode				
DP 21	309 325 069	BA157 Diode	diode				
DP 26	309 325 069	BA157 Diode	diode				
DP 27	309 325 951	1N4001 Diode	diode				
DP 28	309 325 951	1N4001 Diode	diode				
DP 29	309 325 951	1N4001 Diode	diode				
DP 30	309 325 951	1N4001 Diode	diode				
DP 32	309 325 927	1N4148 Diode	diode				
DP 37	309 325 927	1N4148 Diode	diode				
DP 50	309 325 069	BA159 Diode	diode				
DP 51	309 325 164	BY399 Diode	diode				
DP 53	309 325 069	BA157 Diode	diode				
DP 56	309 325 069	BA157 Diode	diode				
DR 10	309 327 112	ZPD10 2% Z-Diode	z-diode				
DR 61	309 325 927	1N4148 Diode	diode				
DR 63	309 325 927	1N4148 Diode	diode				
DV 15	309 325 927	1N4148 Diode	diode				
DV 25	309 325 927	1N4148 Diode	diode				
DV 31	309 325 927	1N4148 Diode	diode				
DV 32	309 325 927	1N4148 Diode	diode				
DV 33	309 325 927	1N4148 Diode	diode				
DV 35	309 325 927	1N4148 Diode	diode				
DV 45	309 325 927	1N4148 Diode	diode				
DV 71	309 325 927	1N4148 Diode	diode				
DV 78	309 325 927	1N4148 Diode	diode				
DV 93	309 325 927	1N4148 Diode	diode				
DV 96	309 325 927	1N4148 Diode	diode				
DV 98	309 325 927	1N4148 Diode	diode				
DX 22	309 325 927	1N4148 Diode	diode				
DX 23	309 325 927	1N4148 Diode	diode				
DX 24	309 325 927	1N4148 Diode	diode				
DX 31	309 325 927	1N4148 Diode	diode				
DX 32	309 325 927	1N4148 Diode	diode				
DX 37	309 325 927	1N4148 Diode	diode				
DX 38	309 325 927	1N4148 Diode	diode				
FP 1	309 627 508	T1,6A 250V Sicherung	fuse				
IA 1	309 368 691	TDA2006V IC-Power	IC				
IF 1	309 368 733	TDA1771 IC-Power	IC				
IP 1	309 368 649	TEA2261 IC-L	IC				
IR 1	309 368 732	ST6397B1/ZN IC-Mikroproz.	IC microprocessor				
IR 81	309 368 734	TD8139 IC-R	IC				
IV 1	309 368 735	STV2110 IC-L	IC				
IX 1	309 368 416	TEA2014A IC-L	IC				
IX 2	339 575 245	HEF4066BP IC-MOS	IC				
LC 6	309 249 413	6u8 5% Drossel	choke				
LC 7	309 249 351	8uH Spule	coil				
LC 11	309 249 414	55uH 5% Drossel	choke				

Ersatzteilliste · Spare parts list · Liste de pièces de rechange · Lista parti di ricambio · Lista de piezas de recambio

Wichtig: Bei Ersatzteilbestellung bitte unbedingt die entsprechende Bestellnummer angeben!
N.B.: When demanding Spare Parts it is absolutely necessary to quote the corresponding part number!
Important: Lors d'une commande de pièces de rechange, prière d'indiquer en tout cas le numéro de la pièce!
Importante: Ordinare sempre con il numero corrispondenti di codice!
Importante: Pedir siempre los recambios con el numero correspondiente de código!

Pos.	Bestell-Nr.	Bezeichnung	Item
		MECHANISCHE TEILE	MECHANICAL PARTS
	309 863 511	Chassis-Rahmen	chassis frame
	309 951 997	Schutzkappe f. CP49	protection cap
	309 900 547	Halter f. VT-Decoder	support for VT decoder
	309 689 966	42pol. IC-Fassung f. IR 1/IV 1	IC socket
	309 903 826	Montage Clip f. IA 1/TL 19	montage clip
	309 903 844	Montage Clip f. IR 81/IF 1	montage clip
	309 903 839	Montage Clip f. TP 16	montage clip
BA 2	309 650 089	Stiftleiste 2 pol. natur US	pin bar
BR 1	309 650 090	Stiftleiste 3 pol. natur US	pin bar
BR 3	309 650 091	Stiftleiste 15 pol. natur US	pin bar
BV 1	309 650 088	Stiftleiste 9 pol. natur US	pin bar
BX 1	309 651 034	Scart-Buchse	scart socket
BX 2	309 650 063	Stiftleiste 7 pol. natur US	pin bar
BX 5	309 650 092	Stiftleiste 4 pol. natur US liegend	pin bar
	349 353 984	VT-Decoder DVT6601	teletext-decoder
		ELEKTRISCHE ERSATZTEILE	ELECTRICAL PARTS
DP 1	309 327 120	ZPD9V1 Z-Diode	z-diode
DP 2	309 327 104	ZPD4V3 2% Z-Diode	z-diode
DP 4	309 325 951	1N4001 Diode	diode
DP 5	309 325 951	1N4001 Diode	diode
IV 1	309 368 503	SDA5231-2 IC	IC
IV 2	339 576 617	SAAS243 P/E IC-MOS	IC
IV 3	309 368 481	TC5565/APL15 (PL15)	IC
		IC-Memory	
LV 10	309 249 272	10uH Spule	coil
LV 11	309 249 272	10uH Spule	coil
LV 24	339 349 510	15uH Spule	coil
LV 27	309 249 361	6MHz Spule	coil
QV 24	309 335 708	13MHz875 Filter-Quarz	filter crystal
RP 6	309 540 646	100R 5% 2W Metox-Wid.	resistor
RV 11	309 580 991	4R7 10% 0,3W Sichwid.	fuser resistor
TP 1	339 556 224	BC548C Transistor	transistor
TP 4	339 556 224	BC548C Transistor	transistor
TP 6	339 556 224	BC548C Transistor	transistor
TP 2	309 001 292	BC558C Transistor	transistor
TP 3	309 001 246	BC368 Transistor	transistor
TS 33	309 001 293	BC548B Transistor	transistor
TS 34	309 001 293	BC548B Transistor	transistor
TS 36	309 001 293	BC548B Transistor	transistor
TS 39	309 001 293	BC548B Transistor	transistor
BT 1	309 651 033	15 pol. Buchsenleiste natur	sockets bar
	349 377 005	Bildrohrplatte CRT6625	picture tube board
		ELEKTRISCHE ERSATZTEILE	ELECTRICAL PARTS
CB 14	309 442 978	1n 2KV Kerko	ceramic capacitor
DB 11	309 327 111	ZPU150 Z-Diode	z-diode
DB 12	309 325 010	1N4004 Diode	diode
DB 32	309 325 927	1N4148 Diode	diode
DB 33	309 325 927	1N4148 Diode	diode
DB 42	309 325 927	1N4148 Diode	diode
DB 43	309 325 927	1N4148 Diode	diode
DB 52	309 325 927	1N4148 Diode	diode
DB 53	309 325 927	1N4148 Diode	diode
PB 31	309 509 198	470R Trimmwid. liegend	trimmer resistor
PB 41	309 509 198	470R Trimmwid. liegend	trimmer resistor
PB 37	309 509 148	47K Trimmwid. liegend	trimmer resistor
PB 47	309 509 148	47K Trimmwid. liegend	trimmer resistor
RB 51	309 549 677	1K3 1% 0,4W Metox-Wid.	resistor
TB 11	309 001 292	BC558C Transistor	transistor
TB 12	309 001 292	BC558C Transistor	transistor
TB 31	309 001 335	BF883S Transistor	transistor
TB 41	309 001 335	BF883S Transistor	transistor
TB 51	309 001 335	BF883S Transistor	transistor
TB 33	309 001 310	BF423 Transistor	transistor
TB 43	309 001 310	BF423 Transistor	transistor
TB 53	309 001 310	BF423 Transistor	transistor
	309 650 088	Stiftleiste 9 pol. natur US	pins bar
	404 043 00	Bildrohrfassung	CRT socket

Pos.	Bestell-Nr.	Bezeichnung	Item
DB 32	309 325 927	1N4148 Diode	diode
DB 33	309 325 927	1N4148 Diode	diode
DB 41	309 325 927	1N4148 Diode	diode
DB 42	309 325 927	1N4148 Diode	diode
DB 43	309 325 927	1N4148 Diode	diode
DB 51	309 325 927	1N4148 Diode	diode
DB 52	309 325 927	1N4148 Diode	diode
DB 53	309 325 927	1N4148 Diode	diode
PB 31	309 509 198	470R Trimmwid. liegend	trimmer resistor
PB 41	309 509 198	470R Trimmwid. liegend	trimmer resistor
PB 37	309 509 148	47K Trimmwid. liegend	trimmer resistor
PB 47	309 509 148	47K Trimmwid. liegend	trimmer resistor
RB 35	309 580 992	1K 10% 0,3W Sichwid.	fuser resistor
RB 45	309 580 964	1K 5% 0,3W Sichwid.	fuser resistor
RB 55	309 580 964	1K 5% 0,3W Sichwid.	fuser resistor
TB 11	309 001 292	BC558C Transistor	transistor
TB 12	309 001 292	BC558C Transistor	transistor
TB 31	309 001 335	BF883S Transistor	transistor
TB 41	309 001 335	BF883S Transistor	transistor
TB 51	309 001 335	BF883S Transistor	transistor
TB 32	309 001 311	BF422 Transistor	transistor
TB 42	309 001 311	BF422 Transistor	transistor
TB 52	309 001 311	BF422 Transistor	transistor
TB 33	309 001 310	BF423 Transistor	transistor
TB 43	309 001 310	BF423 Transistor	transistor
TB 53	309 001 310	BF423 Transistor	transistor
	309 650 088	Stiftleiste 9 pol. natur	pins bar
	309 681 514	Bildrohrfassung	CRT socket
	100 287 00	Bildrohrplatte CRT6601	picture tube board
		ELEKTRISCHE ERSATZTEILE	ELECTRICAL PARTS
CB 14	309 442 978	1n 2KV Kerko	ceramic capacitor
DB 11	309 327 111	ZPU150 Z-Diode	z-diode
DB 12	309 325 010	1N4004 Diode	diode
DB 32	309 325 927	1N4148 Diode	diode
DB 33	309 325 927	1N4148 Diode	diode
DB 42	309 325 927	1N4148 Diode	diode
DB 43	309 325 927	1N4148 Diode	diode
DB 52	309 325 927	1N4148 Diode	diode
DB 53	309 325 927	1N4148 Diode	diode
PB 31	309 509 198	470R Trimmwid. liegend	trimmer resistor
PB 41	309 509 198	470R Trimmwid. liegend	trimmer resistor
PB 37	309 509 148	47K Trimmwid. liegend	trimmer resistor
PB 47	309 509 148	47K Trimmwid. liegend	trimmer resistor
RB 51	309 549 677	1K3 1% 0,4W Metox-Wid.	resistor
TB 11	309 001 292	BC558C Transistor	transistor
TB 12	309 001 292	BC558C Transistor	transistor
TB 31	309 001 335	BF883S Transistor	transistor
TB 41	309 001 335	BF883S Transistor	transistor
TB 51	309 001 335	BF883S Transistor	transistor
TB 33	309 001 310	BF423 Transistor	transistor
TB 43	309 001 310	BF423 Transistor	transistor
TB 53	309 001 310	BF423 Transistor	transistor
	309 650 088	Stiftleiste 9 pol. natur US	pins bar
	404 043 00	Bildrohrfassung	CRT socket